Your Association working for safe drinking water in Tennessee



#### **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 ineidents and articles: www.abpa.org/incidents.htm

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







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# Tennessee Backflow News

Summer 2003



#### NEXT MEETING

10:00 AM
Wednesday
July 9,
2003
Nashville, TN
225 Ben Allen Rd.

Check Out
Our Website!
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

By Larry Stinnett

As I am preparing this message, I have thoughts of the TBPA Board of Directors. It's been a very good year for the Association. I believe, however, the best is yet to come. Your Board of Directors has worked diligently during the past year for the association. Many special meetings have been called and not one time has anyone complained or refused to help. I would like to encourage everyone to tell your directors how much you appreciate them.

The revisions to the state manual are going very well. Our goal is to have a completed draft in early fall of this year. I hope every member took time to vote for the national Vice-president. It's not only your obligation but it is an opportunity to have a voice in your national association. The ABPA Conference is in Detroit, Michigan. I plan to take some of our concerns to that meeting. Because we have not received approval of the proposed bylaw changes sent to the national office, I plan to hand deliver the changes and ask for a speedy reply.

Our TBPA Annual Conference is shaping up. I hope everyone can attend and be sure to encourage others to do the same. They will thank you for it later. It will be a good time of year to be in Nashville and good to get together with all our TBPA friends.

### **2003** Conference Nashville

The eight annual Tennessee Backflow Prevention Association Conference will be held in Nashville, Tennessee on Thursday and Friday, October 16 and 17, 2003.

The Conference will be held at the Hilton Suites, which is located in the heart of downtown Nashville. The Hilton is a new, upscale, full-service all-suites hotel. The hotel is situated across the street from The Gaylord Entertainment Center, The Nashville Convention Center and The Country Music Hall of Fame.

Each morning guests will enjoy a full cooked-to-order complimentary breakfast buffet and in the evening tickets will be given for the two-hour beverage reception. There are also top-notch dining options, ranging from the casual Market Street and Parkview restaurants to the World-Renown Steak House "The Palm". The business center provides guests with an office away from home. The fitness center and indoor pool are certain to provide guests with plenty of workout opportunities or just a chance to relax. In the heart of "Music City USA" — It Happens at the Hilton!

Each suite contains a microwave, refrigerator, coffee maker, hair dryer, iron and ironing board, clock radio, two televisions, etc. For reservations call: 1-615-620-1000 or visit online at <u>www.hilton.com</u>.

Directions: All interstates (I-65, I-40, I-24) connect to the downtown area. Exit on Demonbreum and drive toward the downtown area. Take a left on 4th Avenue. The Hilton is immediately on the left.

Current rate is \$115 per night (That rate may decrease depending on registered guests).

Registration form and other Conference information will arrive in a separate mailing.

### **Upcoming Events**

 October 16-17, 2003 — TBPA Annual Conference - Hilton Suites Nashville, Downtown -Nashville, TN

**Tennessee Backflow Prevention Association** 

# Tennessee Backflow Prevention Association

Name	Affiliation	Phone # e-mail	Fax #
Larry Stinnett, President	Backflow Specialty Com- pany, Inc. Powell, TN	865-925-0058 backllosp@aol.com	865-925-0058
Eddie O'Neill Vice President	Jackson Energy Authority	731-422-7214 eoneill@jaxenergy.com	731-422-7584
David Kellogg, Immediate Past President	City of Gallatin	615-451-5922 Dkellogg@gallatinutilities. com	615-452-0568
Liba Ford,	JEA	731-422-7517	731-422-7530
Angel Goike Secretary/Newsletter Slave	City of Clarksville	931-553-2489 agoike@clarksville.com	931-553-2490
Lloyd Rainey, Director, West	Mid America Marketing, Inc.	800-365-6154 lloyd@mldamerlcamktg.com	901-795-0394
Wayne Cook, Director, Middle	Shelbyville Power, Water & Sewer	931-684-5713 waynecook@blomand.net	931-685-0113
Kent Bowman, Director, East	First Utility District of Knox County	865-966-9741 fudkbow@tds.net	865-675-4955
Greg Baker, Director At-Large	Tennessee Association of Utility Districts Murfreesboro, TN	615-896-9022 Gregbaker@laud.org	615-896-8608
Brent Ogles Director-At-Large	J. R. Fleming Training Center Murtreesboro, TN	615-898-8090 Bogles@mail.state.tn_us	615-898-8064
Mike Trigg,	Plumbers & Pipefitters	615-227-5542	615-227-5892
Ronnie West	ABPA Region 3 Director	910-223-4703 ronald.west@faypwc.com	910-483-1153
Ron Chapman	ABPA President	313-337-1241 Rj_chapman@hotmail.com	313-322-4122



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 Goike, Secretary c/o City of Clarksville 1030 Pumping Station Rd. Clarksville, TN 37043

### TBPA/ABPA MEMBERSHIP FORM

Tennessee Backflow Prevention Association

CHECK ONE: RENEWAL:

American Backflow Prevention Association

NAME:

COMPANY:

ADDRESS:

CITY/ST/ZIP:

PHONE:

FAX:

E-MAIL:



ABPA DUES: \$30.00 TBPA DUES: <u>20.00</u> ANNUAL DUES TOTAL: \$50.00

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

### **Meet Our New Region 3 Director**

Ronnie West, is the new ABPA Director for Region 3, which includes Tennessee. Ronnie has been a member of ABPA for 15 years. He is the immediate past President and current Treasurer of the Carolinas Chapter.

Ronnie has been employed with the Public Works Commission of the City of Fayetteville, NC from 1967 to the present time. In 1985 he took the position as the Cross Connection Control Program Manager where he is responsible for coordinating & administering the cross connection control program in the Water Resources Division.

Ronnie has served on and chaired many committees, worked as an instructor for various groups, served in all areas of water and wastewater and has received many awards.

In his spare time he enjoys fishing, basketball and other sports especially NASCAR. We are proud to have him as our Region 3 Director and look forward to working with him in the future. Congratulations Ronnie!

#### **New TBPA Members**

The Tennessee Backflow Prevention Association would like to welcome our newest members. We are delighted to have you join us in TBPA!

Derek Biba, Test Gauge Industries (Gilberts, IL) Jim Creswell, City of Lebanon

Larry Gardner, Second South Cheatham Utility District (Kingston Springs, TN)

Steve Warren, Backflow Sales & Service (Memphis, TN)
Whitt Deming, Meter Service & Supply (Memphis, TN)
Tony Wyatt, Tennessee Association of Utility Districts
(Huntingdon, TN)

Michael Russell, Memphis Light Gas and Water Robert Morgan, Sweetwater Utilities David Risner, Murfreesboro Water & Sewer Michael Rucker, Nashville Machine Company Sam Beck, Quality Plumbing & Mechanical (Kodak, TN)



### **GRADY'S BACKFLOW**

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#### TBPA BOARD MEETING UPDATE APRIL 2, 2003

Progress continues on the Manual Update. The committee will meet again on May 14th. Wayne and Brent reported the Repair Classes are a great success.

The State has made the decision that only facilities that have been training and testing for Backflow Certification in the past will continue to do so in the future. Anyone may hold a training class, but all students must report to the Fleming Training Center, TAUD, JATC, or MLG&W for testing.

Work continues on the 2003 Conference. Wayne Cook will be putting the speakers together and will send out a separate mailing for registration.

The Awards Committee will be evaluating the guidelines for awards and asked for nominations for the awards to be given at the Conference in October.

The Board will work toward having board member and committee duties written and better stated for those serving now and those wanting to serve in the future.

Articles are needed for the Newsletter. Advertisers are needed.

### **REPAIR CLASS**

The second Backflow Prevention Assembly Repair Class had 73 people in attendance and was as successful as the first. The class was lead by representatives from Mid-America Marketing, Inc.: Mr. Lloyd Rainey from the West Tennessee area, Keith Stephens from Middle Tennessee and Richard Goodman from East Tennessee. Handout and computer disc information for Watts products along with a Certificate of Completion were provided to those in attendance.

If you have not signed up for the remaining classes there is still time. Each class can accommodate 100 people and all classes have space is available. Use the registration form found in this Newsletter. Remember, continuing education credits will be given for attendance.



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To advertise in the TBPA Newsletter contact Angel Goike. Cost is \$100 per year.

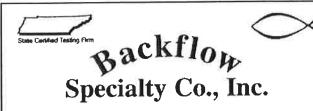
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MEMBER #

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#### Advertisements

#### Please Support Our Advertisers — They Support ABPA!



#### **Larry Stinnett**

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#### TBPA BOARD MEETINGS

JULY 9, 2003 ~ JATC Building, 225 Ben Allen Rd., Nashville, TN OCTOBER 15, 2003 ~ Hilton Suites, Nashville, TN (Conference Site) 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.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-

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 Course Name

Cross Connection Control Workshop (BASIC) (3 1/2 or 4 days - dependent upon location)

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



- June 30 July 3, 2003 (4 days) · July 15 - 18, 2003 (3 1/2 days)
- August 19 22, 2003 Kingsport (3 1/2 days) September 9 - 12, 2003 - Knoxville (3 1/2 days)
- October 6 9, 2003 (4 days) November 17 - 20, 2003 (4 days)



Cross Connection Control Workshop (RENEWAL) (1 1/2 or 2 days - dependent upon location)

- (Textbook: None; approved procedure sent with confirmation letter)
- . July 14 15, 2003 ( 1 1/2 days)
- August 18 19, 2003 Kingsport (1 1/2 days)
- September 8 9, 2003 Knoxville (1 1/2 days)
- December 15 16, 2003 (2 days)

#### **New Workshop**

would like to let everyone know that TBPA and the Great State of Tennessee have been working together to bring you a new workshop class. We have found that the need for some instruction/information on Administration and Survey for a Cross-Connection Control Program is needed. The first class will be May 13, 2004 and the second will be November 9, 2004. Look for more information on this class and other classes in your TBPA Newsletters. - Wayne Cook

- 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 eoneill@jaxenergy.com

If you would like to see specific information in the newsletter or would like to submit an article, contact Liba Ford at Iford@jaxenergy.com. Your comments are appreciated.

# WILKINS

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Instrument Technician

# **Backflow Prevention Assembly Repair Class**

Joint Effort of Tennessee Backflow Prevention Association and Fleming Training Center

2003 Quarterly Backflow Prevention Assembly Repair Classes What:

Each quarter features a different manufacturer's products

August 5, 2003 When:

8:30-4:00

**Featuring Febco Products** 

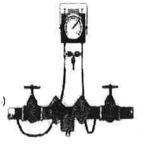
November 13, 2003

8:30-4:00

**Featuring Ames Products** 

Where: Fleming Training Center, 2022 Blanton Drive, Murfreesboro, TN 37129 - (615) 898-8090

Contact: Brent Ogles at (615) 898-8090 or Wayne Cook at (931) 684-5998



#### Classes feature the following:

- Double Check Valve Assemblies, Reduced Pressure Principle Assemblies, Vacuum Breakers
- Repair of varying device sizes from 3/4" to 4". All devices on State approved list.
- Drawings and handouts available.
- Explanation of assemblies and parts used in repair
- · Complete repair of devices and tools needed
- When to repair and when to replace
- What should be replaced when a device fails
- Other products included in some classes, i.e. Thermal Expansion Chamber, etc.
- Continuing Education Credits will be given

### Don't miss the opportunity to expand your knowledge on these valuable topics regarding Backflow Prevention 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		revention Assembly Repair Class			
COURSE NUMBER (Mr./Ms)		TITLE OF COURSE		DATES OF COURSE	
NAME		SOCIAL SECURITY	NUMBER*		
E-MAIL ADDRESS			HOME PHONE		
MAILING ADDRESS: STREET OF	РО ВОХ	CITY	STATE	ZìP	
EMPLOYER		4	WORK PH	WORK PHONE	
PWSID # OF FACILITY WHERE E	MPLOYED (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

#### **Tennessee Backflow News** Page 4

## Test Your Skills

A cross-connection control program is a critical water system protection element. Chapter 6 of the USEPA'S Cross-Connection Control Manual is titled: Administration of a Cross-Connection Program, and Chapter 7 provides ordinance suggestions.

These 15 program administration questions were developed from the information in these two chapters. How well does your water supply match up with the EPA'S manual guidelines? It's time to grab that trusty No. 2 pencil and see if you can answer these with ease. Remember, the answers to these questions will be found in the next Newsletter.

- 1.) A Cross-Connection Control Program should have an aggressive implementation and a:
  - a. computerized pressure monitoring system.
  - b. constant follow up.
- c. hosted website.
- d. minimum staff of 3 full-time employees.
- · e. periodic plumbing inspections.
- 2.) Any Cross-Connection Control Program should have a (an):
  - a. administrative assistant.
- b. data entry clerk.
- c. legally enforceable document.
- d. surveyor.
- e. tester.
- 3.) It is advised that the water authority/supplier have on hand a (an):
- a. backflow preventer test kit.
- b. copy of the USEPA Manual.
- c. copy of the Water, Water Everywhere video.
- d. hazardous confined space entry equipment.
- e. stock of replacement parts.
- 4.) Prioritizing the survey "degree of hazard" inspection list can be easily produced from:
- a. buliding permits.
- b. city clerk business records.
- c. existing accounts.
- d. state records.
- e. telemarketing surveys.
- 5.) A Residential Backflow Protection Program will insure that new services contain a (an):
  - a. air-gap.
- b. double check valve assembly. c. dual check.
- d. reduced pressure principle assembly.
- e. water meter check valve.
- 6.) If a containment is the program's prime objective, sufficient time must be spent to determine the:

- a. contact person.
- b. degree of hazard.
- c. location of each actual cross connection.
- d. location of each potential cross-connection.
- e. location of each service con nection.
- 7.) On arrival at a property to survey cross-connection, request to see the owner/manager to:
- a. assign personnel to the inspection group.
- b. determine the last "free-flowing
- c. explain the survey purpose.
- d. obtain a liability release.
- e. temporarily terminate water service.
- 8.) During a survey, request to the building's "as-built drawings" to:
  - a. assess elevation differences for pressure drops.
  - b. check building permit complaince.
  - c. determine backflow prevention locations.
  - d. inventory fixtures and appliances.
  - e. trace internal potable lines.
- 9.) During the survey, make a sketch of all area's requiring:
- a. air-gap separations.
- b. backflow preventers.
- c. inspection.
- d. potable water.
- e. technician access.
- 10.) When conducting a backflow prevention survey, the survey should be initiated at the:
  - a. hose bib outlet(s)
- •b. last frees-flowing tap.
- c. owner's office.
- d. potable supply entrance.
- e. restroom(s).
- 11.) A survey's written report will specifically state the size and type of

- backflow preventer for each:
- a. boiler drain.
- b. cross connection.
- c. fixture outlet.
- d. service connection.
- e. wastewater inlet.
- 12.) The elimination or protection of all cross connections is the responsibility of the:
- a. building engineer.
- b. owner.
- c. plumbing contractor.
- d. plumbing inspector.
- e. survey crew.
- 13.) The water authority will issue a cross-connection permit for each:
- a. actual cross connection.
- b. backflow outlet.
- c. fixture outlet.
- d. potential cross connection.
- .e. service connection.
- 14.) A reduce pressure principle assembly will be tested at lest:
- a. bi-annually.
- b. bi-monthly.
- c. monthly.
- · d. semi-annually.
- e. weekly.
- 15.) When conducting a cross-connection survey, the survey teams needs to ask about:
- a approximate time of heavy flow demand.
- b. number of employees.
- c. purpose of potable water usage. d. water consumption.
- e. water pressure.

TBPA would like to thank DWBP for permitting us to reprint this article. They may be reached at 1-888-FOR-DWBP. To see a copy of the new EPA Cross-Connection Control Manual - http://www.dwbponline.com/EPA03manual.pdf

**Tennessee Backflow News** 

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