

Mission Statement

The mission of the Tennessee Chapter ABPA is to protect the drinking water of Tennessee by providing education, state-wide training, standardized certification, technical assistance, and resources to our membership.

Goals and Objectives

Education

- Provide educational opportunities in local areas
- Teach current and developing technology
- Network with other utilities

Policy and Standardization

- To affect the rules and regulations that govern cross connection programs in Tennessee
- Provide model programs that assist utilities with today's current and developing technologies
- To establish minimum standards for inspection, installation, certification, testing and other program criteria

Technical Assistance and Resources

- To provide on-site technical assistance
- Provide a Cross Connection Assistance Resource Manual
- Provide resource material to assist and educate

TENNESSEE CHAPTER ABPA News

% Dale Phelps
 City of Gatlinburg
 P. O. Box 5
 Gatlinburg, TN 37738-0005



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- President's Message*
- Vertical Installations*
- Irrigation Backflow Notes*

❖ **TENNESSEE CHAPTER ABPA News** ❖

PRESIDENT'S CORNER

I would like to take this opportunity to thank everyone who participated in the Second Annual Tennessee Backflow Prevention Association conference held in Knoxville on March 20, 1997, and also extend a special thanks to the conference committee for their efforts in organizing this event.

"The mission of the Tennessee Backflow Prevention Association is to protect the drinking water of Tennessee by providing education, state-wide training, standardized certification, technical assistance, and resources to our membership."

Accomplishing the goals that have been established for this organization should be of the greatest importance to us. Our efforts need to be directed toward creating a more widespread participation by our members and recruiting new members to our organization. Involvement is the only way that we can effect change and implement new concepts in our field.

Please attend a Chapter meeting or contact your region director or any of the Board of Directors with your ideas, suggestions or comments, because without your participation this organization cannot meet it's full potential.

(Submitted by David Kellogg, City of Gallatin, Gallatin, TN)



IMPORTANT DATE

The Volunteer Chapter ABPA will meet July 10, 1997, in Gallatin, TN, at the Gallatin Civic Center, Albert Gallatin Drive. The Board of Directors will meet at 9:00 AM (Central Time) and the Chapter meeting will begin at 10:00 AM (Central Time).

If you need directions, you may call the Civic Center @ (615) 451-5911 or David Kellogg @ (615) 452-5400.

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VERTICAL DOUBLE CHECK

Over the last few years, much has been said and written about vertical installations of backflow prevention assemblies. The U.S.C. foundation has approved assemblies for installation in the vertical orientation. First, a point of clarification. There are some approved assemblies that has a vertical discharge, but the body is actually on a horizontal axis. Examples of these assemblies are the Cla-Val RP4V, the Z or V configuration in the Febco Master Series line, and the corresponding Cla-Val private labeled assemblies. Also, noted in this same manner is the Watts U007A and U009A series assemblies. PLEASE NOTE that all assemblies with these model series may not be approved with the discharge vertical. The difference here is at this time only the following list of Double Check Valve assemblies and Double Detector Check Valve Assemblies are fully approved by the U.S.C. Foundation for the vertical up orientation:

DCVA:	Cla-Val DC6LB-	3/4"
	Cla-Val DC8LW-	4", 6"
	Cla-Val DC8LY-	4", 6"
	Febco 805YB-	3/4"
	Febco 850-	4", 6", 8"
	Watts 709-	6", 8", 10"
	Watts 007-	2 1/2", 3"
	Watts 007 QT-	1/2"
	Watts 007M1QT-	2"
	Watts 007M2QT-	3/4", 1 1/2"
	Watts 007M2PCQT-	1 1/4"
	Wilkins 95OXL-	3/4"
	Wilkins 950-	4", 6", 8"
DCDA:	Cla-Val DD8LY-	4", 6"
	Febco 856-	4", 6"
	Watts 07DCDA-	2", 2 1/2"
	Watts 709DCDA-	4" thru 10"
	Watts 950DA-	2 1/2" thru 8"

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ABPA NEWS
Tennessee Chapter

Published quarterly by the Tennessee Chapter of the American Backflow Prevention Association, whose members have a common interest in protecting the drinking water from contamination through cross-connections. Opinions expressed in articles or letters are not necessarily those supported by the Chapter.

Tennessee Chapter ABPA
Mission Statement

The mission of the Volunteer Chapter ABPA is to protect the drinking water of Tennessee by providing education, state-wide training, standardized certification, technical assistance and resources to our membership.

Advertisement Rates Per Issue:
\$25.00 Business Card Size
Make check payable to Tennessee Chapter ABPA and mail ad copy and payment to:
Becky Thompson
Madison Suburban Utility District
P. O. Box 175
Madison, TN 37116-0175

ABPA annual dues are:
\$27.00 ABPA National
15.00 Tennessee Chapter
\$42.00 Total Annual Dues

Make check payable to ABPA.
(National membership is required for Chapter membership.)

Mail dues to:
Becky Thompson
Madison Suburban Utility District
P. O. Box 175
Madison, TN 37116-0175

CHAPTER OFFICERS

- David Kellogg - President
City of Gallatin (615) 452-5400
 - Bob Deal - Vice President
Hixon Utility District (423) 877-3513
 - Dale Phelps - Secretary
City of Gatlinburg (423) 436-4681
 - Becky Thompson - Treasurer
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- DIRECTORS & DIRECTORS AT LARGE
- Bruce Giles, City of Oak Ridge, P. O. Box 1, Oak Ridge, TN 37831, (423) 482-8342
 - Bill Love, (MWSD-WQCC, 2032 Blanton Drive, Murfreesboro, TN 37129, (615) 848-3225
 - Jeff Becker, Jackson Utility District, P. O. Box 68, Jackson, TN 38302, (901) 422-7214
 - Larry Stinnett, Backflow Specialty Company, 204 Country Walk Drive, Powell, TN 37849, (423) 947-5892
 - John Hall, TAUD, 2032 Blanton Drive, Murfreesboro, TN 37133 (615) 896-9022

MISCELLANEOUS

Tennessee Chapter of ABPA
2ND Annual Conference

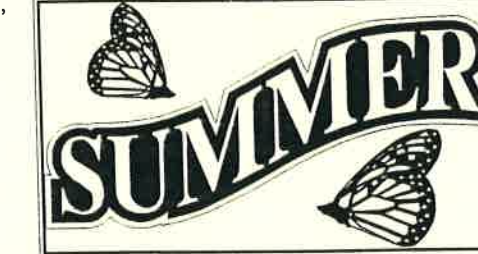
On March 20, 1997, the TN Chapter of the ABPA held its 2nd Annual Conference at the newly remodeled Days Inn Convention Center at Knoxville, TN. There were 77 in attendance with 28 of these attendees being new members.

The topics discussed were:

- ◆ Confined Spaces by Steve Hawkins of TOSHA
- ◆ Liabilities of the Testers by tom Lyttleton of BAVCO
- ◆ Maryland Farms Racquet and Country Club Incident by Kimberly Douglass of the Brentwood Codes Department
- ◆ Care and Use of Test Kits by Mike Lueck of MidWest Instrument
- ◆ Fire System Backflow Prevention (Without the Lights and Sirens) by Larry Stinnett of Backflow Speciality, Inc.
- ◆ Thermal Expansion Problem Solved by Les Riddle of Amtrol
- ◆ Installation and Other Various Items by Maurie Nielsen of AMES

As Chairperson, I would like to thank everyone who volunteered his/her time to make this a great conference. A special "Thank You" to Glenda Hall and Peggy Stafford, who graciously volunteered their time to greet all the attendees with a big smile and a helpful hand.

(Submitted by Becky Thompson, Madison Suburban Utility District, Madison, TN)



Vertical Assemblies
Approved

(Continued from Page 1, Column 3)

Approved assemblies can only be installed in the orientation they were approved. All assemblies in Tennessee that are installed for the protection of the public water supply are required to be listed or approved by the Tennessee Division of Water Supply. DCVA's and

DCDA's are mainly limited to low hazard applications only. For more information, contact Dale Phelps at the Tennessee ABPA Office at (423) 436-4681, or Robert Lashlee of the

Division of Water Supply at (615) 532-0164. Further information may be obtained from the U.S.C. Foundation at (213) 740-2032 or on the Internet at http://www.usc.edu/dept/fccchr. The U.S.C. Foundation Membership and password is required for access to the approved list on the Internet. However, all other information on the Foundation website is fully accessible.

COMING NEXT ISSUE: More on "Approved Assemblies vs. Invalid Approvals".

(Submitted by Dale Phelps, City of Gatlinburg, Gatlinburg, TN)

BUSINESS CARD
ADVERTISING!

The Chapter has Business Card Advertising for \$25.00 per issue. Anyone interested may contact: Becky Thompson @ (615) 868-3201, ext. 218 or Patty Davenport @ (615) 259-4495.

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MISCELLANEOUS

(Continued from Page 2, Column 2)

The TENNESSEE Chapter ABPA is now offering shirts and hats with our new logo. Sizes range from large, & x-large (\$15.00), xx-large (\$18.00) and xxx-large (\$19.00). The hats are \$7.50 each. For more information, you may contact Dale Phelps (423) 436-4681 or Becky Thompson (615) 868-3201, ext. 218.

The Chapter is preparing for next year's Conference. If you have a topic you would like presented, let us know. If you have a paper prepared and are unable to present it, we have people who will do the presentation. Just give Jeff Becker (Chairperson) (901) 422-7214 or any of the officers or directors a call.

STAGNATE WATER BACTERIA

There are times we may come into contact with bacteria, which may not affect us in our daily lives because our bodies have developed an immunity to them: but member of our families may be affected in ways that we have never thought about.

Example:
My four month old grandson recently developed a fever with a runny nose that persisted. My daughter-in-law took my grandson to the doctor and he was diagnosed with a bacterial infection. Medication was prescribed and blood samples were taken. The test results determined that my grandson had a type of bacteria that is found in stagnate water. The doctor then prescribed another type of medicine in the hopes that it would kill this specific bacteria.

My son works for a Fire Sprinkler Contractor and he works around stagnate water all day long. My grandson apparently contracted the bacteria from his daddy's holding him.

We should take a little more time to think about the things with which we do

come in contact and take special steps to prevent passing these bacteria on to our loved ones.

(Submitted by Becky Thompson, Madison Suburban Utility District, Madison, TN)

HAS YOUR BACKFLOW
PREVENTER BEEN RECALLED?

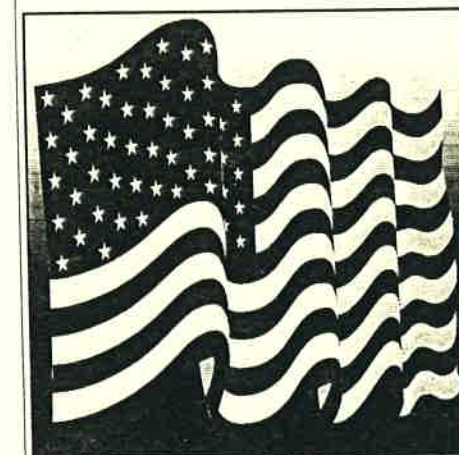
Well, not actually recalled, but the U.S.C. Foundation has issued Special Notices concerning the following Backflow Prevention Assemblies:

Notice 97-001 Wilkins Model 975-8" & 10"-Failed to pass Laboratory Evaluation test. Modifications to the disc retaining cup in the relief valve stem, and the relief valve seat, to improve performance.

Notice 96-001 AMES 2000 and 3000 Series-Various sizes-Low or inconsistent readings across check valves, check valves stuck open. Multiple improvements to the check have been implemented.

For further information or replacement parts, contact the manufacturer or manufacturer's representative in our area. Copies of these notices are available from the U.S.C. Foundation, or from the TENNESSEE ABPA Office (423) 436-4681-Dale Phelps.

(Submitted by Dale Phelps, Secretary of TN Chapter, Gatlinburg, TN)



Independence Day
July 4, 1997

IRRIGATION BACKFLOW
NOTES

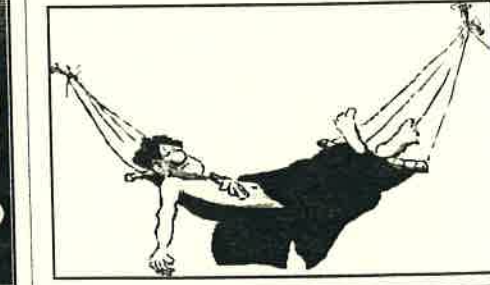
Reduced Pressure Backflow
Requirement:

In the State of Tennessee, Reduced Pressure Backflow Prevention Assemblies (RPBP, RPBA, or RPZ) are required on lawn irrigation systems which are connected to the public potable water supply. Local jurisdictions may have other requirements, but variations from this requirement are unadvised and may greatly increase the jurisdiction's liability.

Ball Valves May Freeze:

Sometimes irrigation contractors drain and winterize a system and leave the backflow preventer outside. Ball valves may freeze and burst if they are not drained properly. Water will become trapped between the ball valve body if the valve is left in either the full-open position or the full-closed position. If the trapped water freezes, damage will occur to the valve. To prevent such damage, during the winter leave ball valves in a half open/half closed position, or 45 degrees. This will permit the water to fully drain from the area around the ball and prevent it from freezing. For details on this procedure, contact the Tennessee ABPA Office. Please note: Always open and close ball valves slowly to prevent damage to the system and the components.

(Submitted by Dale Phelps, Secretary of TN Chapter of ABPA, Gatlinburg, TN)



Labor Day
September 1, 1997