Conference 2010:
Tapping the Past ...
Rocketing Into the Future

Huntsville in October:
- WFP Golf Tourney
- Meter Madness
- Tapping Contest
- Pilot Mobile Water Lab
- Training for CEU Hours

Birmingham Brings Home National Titles

Big Spring 1890
ENVIRONMENTAL TECHNICAL SALES, INC.

Water .. Wastewater .. Sludge .. Air Equipment – Systems – Solutions

ETEC is a manufacturer's representative organization which is focused on the water and wastewater treatment, sludge handling and air emission markets. By concentrating on these related areas, we can carry a broad range of product lines, thereby allowing us to offer optimum solutions to our clients' particular problems. ETEC seeks out manufacturers that not only produce the highest quality equipment, but are also technological leaders in their field. Our territory includes Louisiana, Mississippi, Arkansas and portions of Tennessee.

Samuel L. Agnew                                      Michael D. Todd, P.E.

E-Mail: sagnew@etec-sales.com
       mtodd@etec-sales.com

7731 Office Park Blvd., Baton Rouge, LA 70809
Phone: (225) 295-1200
       (800) 251-1047
Fax: (225) 295-1800

www.etec-sales.com
Cover photos courtesy of Huntsville Visitor and Convention Bureau & Huntsville Public Library: The Big Spring was discovered by the Criner Brothers in 1804. John Hunt built a cabin next to the spring in 1805 establishing the town of Twickenham (renamed Huntsville later). Today the spring is the heart of downtown Huntsville, surrounded by majestic buildings and a beautiful park where outdoor concerts and other festivities take place. In the inset photo a family enjoys a sunny Sunday at the spring in 1890.

Think Green! Recycle Me!

Don’t toss this publication in the waste can after reading. Place this publication in your waiting room and share the information with your associates. When it gets to out-of-date, toss it in the recycle bin.
2010 Officers/Trustees of the Alabama-Mississippi Section of the American Water Works Association

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Past Chair .................................................. Bill Moody
Vice-Chair .................................................. Hunter Arnold
Director (outgoing) ................................. Danny Hutcherson
Director (incoming) ................................. Tom Walters
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Trustee-At-Large Mississippi .................... Hugh Smith
Section Manager ..................................... Ken McCool

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Program Chair ........................................... Chris Griffin
Entertainment ........................................... Keith Lowery
Exhibits .................................................. Shannon Bailey
Exhibits - Assistant to Chair ................. Julie Dawson
MAC - Chair ............................................ David Stejskal
MAC - Assistant to Chair ....................... Bill Carter
Registration ................................................ Carson Smith
Education - AL Co-Chair ......................... Jason Carter
Education - MS Co-Chair ......................... Anthony Hawkins
Pipeline Editor .......................................... Deb Hudson
Time & Place - Chair ................................. Bill Moody
Time & Place - Assistant to Chair .......... Hunter Arnold
Resolutions .............................................. Blake Jeffcoat
Governmental Affairs - Co-Chair AL ......... Drusilla Hudson
Audit ........................................................ Hunter Arnold
Young Professionals - Co-Chair AL ......... Hercy Golson
Young Professionals - Co-Chair MS .......... Benjamin Benvenuti
Safety Chair .............................................. Ricky Picket
Water For People - Chair ......................... Sonny Jones
Water for People - Co-Chair .................... Kevin Kennoy
Nominations .............................................. Bill Moody
Memorial Scholarship ............................. Jim Miller
Fuller Award ............................................. Danny Hutcherson
Membership ............................................. Kyle Massey
AWWA National Contact ......................... Christopher McGinness
October is quickly approaching and so is the 2010 annual conference! Many new and exciting initiatives are being offered by this year’s planning committee, so make your plans now to attend. Also, be sure to review the Pipeline magazine and our website closely to stay up-to-date on added member opportunities.

Our conference will start on Sunday morning, October 3rd, with an excellent round of golf. Water for People chairs, Sonny Jones and Kevin Kennoy, have an outstanding “River Course” selected at the Hampton Cove Robert Trent Jones Golf Trail which should prove challenging and peaceful. Sunday evening, we will meet at the Von Braun Center Exhibit Hall for a wine and cheese reception and later head to the U.S. Space and Rocket Center for dinner and entertainment.

Be sure to attend also this year’s opening session and business meeting slated for Monday morning. The Dean of the College of Engineering at The University of Alabama, Dean Charles Karr, will provide an excellent motivational speech for the morning session. Moreover, as with past program chairs, Chris Griffin has put together an informative technical program, which will run in concurrent sessions on Monday afternoon and all day Tuesday. These available sessions coupled with the educational opportunities offered by Education Chair Jason Carter, should prove enlightening for our membership overall. Monday evening will be entertaining with multiple section competitions – from the Tapping Competition, to the new Meter Madness Competition, to the YP volleyball challenge.

After technical sessions on Tuesday, be sure to attend the Annual Awards Banquet on Tuesday night. Our entertainment chair, Keith Lowery promises fun and excitement, in addition to the fun and fellowship of the Banquet Reception.

Our theme for this year’s conference is “Tapping the Past; Rocketing into the Future.” In striving to build on the legacy of our section, we are embarking on new Meter Madness and Best Tasting Water Competitions for our section as well. The winners of the competitions will represent our section on the national level next year. The AL/MS section AWWA already has a lot to be proud of on the national stage. Consider the positive representation that Birmingham Water Works Board winning the National Tapping and Top-Ops Competitions sends.

As Chair, I must mention that I am very proud of our section overall and the work of this year’s planning committee - from the Exhibit Chairs, to the YP Chairs, to the MAC Chairs, etc. Moreover, our spouses program continues to earn high marks from other sections seeking to duplicate the program’s format. This year, I am sure Malene will impress no less.

Malene and I look forward to seeing all of you in Huntsville at the Embassy/Von Braun Center, October 3rd-5th. So, please make your reservations early and join us!

Sam McElroy
Chair, AL/MS AWWA
It’s great to be a part of a great group of people and the AL/MS Section of AWWA is a great group of people. I just returned home from the annual conference and exhibition in Chicago and I can report that our section was well represented. Birmingham Waterworks placed 1st in the men’s pipe tapping contest with a time of 1 minute and 14 seconds. Birmingham also won the Top Ops competition.

(See: http://www.awwa.org/Publications/StreamlinesArticle.cfm?ItemNumber=54723&showLogin=N and related story on page 14.)

Congratulations BWWSB!

I was also proud to witness Glen Thomas receiving his Fuller Award at the breakfast last Wednesday.

The past 3 years have been very rewarding for me while serving as your AL/MS Section director. I have tried to represent our section honorably and hope that I have opportunities to serve in other capacities in the future. I intend to remain active within our section and help where needed. I hope that every one of you will find a real interest in AWWA and volunteer to help.

Tom Walters is now your official Director and I know he will do an excellent job. Tom’s transition into the position has been great. He has attended the past two Board of Directors meetings so he is familiar with all the issues at hand. Our section trustees have also been active on a national level. We have had great participation in the annual Regional Meeting of Section Officers for the past two years. This is an opportunity to share ideas with neighboring sections and become more familiar with the workings of AWWA.

Thank you for the honor to serve as your director!

Wishing All the Best,

Danny Hutcherson
Director, AL/MS  AWWA

The new executive team includes past Section Chair Tom Walters as Director.
**Sweet Home .....**

Why did we choose Huntsville over the golden Alabama coastline? I think perhaps your Chair may have been a little biased, but then it is a fact this is a beautiful and interesting place. I really don’t suspect Sam had a premonition our wonderful shorelines were about to get a free lube job courtesy of Deepwater Horizon but as I write this column, hundreds of workers in hazmat suits line the white sand beaches along highway 90 here in Gulfport … Gulf Shores is faring worse. For Mississippi, the past week’s wind direction influenced by a distant hurricane finally broke through the safety barrier we had for weeks possessed (the Mississippi “Sound”). Though the tragedy probably would not have dramatically affected a Coastal conference, it is still our Section’s good fortune to be well north this year.

Both Alabama and Mississippi offer so much to do and see it is no wonder our two States were a perfect match for Section formation back in late 1947. A year earlier, at the Southeastern Section Annual Meeting in Savannah, Georgia there were only nine Alabama members in attendance and none from Mississippi. A small group of men felt that Section had become too large. Legend has it those men were Arthur N. Beck, Chief Engineer, Department of Health Montgomery; John L. Snow, Layne-Central Company, Montgomery; Frank G. Crow, Manager, Water Department, Florence; and A. Clinton Decker, Chief Engineer, Tennessee Coal and Iron Company, Birmingham. At that time, they began taking the steps necessary to form the AL/MS Section. The rest is history (available at www.almsawwa.org); later a donated operating fund of $250 began our journey.

Other Sections possess equally wonderful sights, beauty & entertainment and I would not for a minute attempt to commit to ink any statement touting us as the best. It is just natural to feel the way I do, because this is home. Our members are family. We are not the only Section in the South by a long shot, but we, like others are Southern folks (including our wonderful members transplanted from parts north) and we proudly show it through our hospitality. Well, Sam & Malene McElroy intend to display with gusto that indigenous quality in their lovely home area the first weekend in October.

When you visit our web link to check out more about Section history, go also to the registration links for attendance & exhibits and experience how easy it is this year to plan for another great conference and annual meeting in Huntsville, Alabama!

Ken McCool
Section Manager, AL/MS AWWA
Every firefight begins with the hydrant. If it fails, your firefighters fail. And at M&H, we won’t have that. Our hydrants will sit patiently through the roughest New England winters or the most unforgiving Southern summers, waiting for their chance to do the only job they were made to do — fight fires along side America’s firefighters.

M&H HYDRANTS. BUILT TO LAST. BUILT TO FIGHT.

HOSES DON’T KILL FIRES. HYDRANTS DO.
Dear AWWA Spouses,

The American Water Works Association AL/MS Section Annual Conference will be here before we know it. Please make plans to participate in the following activities:

<table>
<thead>
<tr>
<th>Sunday, October 3, 2010</th>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:30 PM – 6:30 PM</td>
<td>Wine &amp; Cheese Reception</td>
<td>Von Braun Center Exhibit Hall</td>
<td></td>
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<tr>
<td>7:00 PM – 9:00 PM</td>
<td>Dinner &amp; Entertainment</td>
<td>US Space &amp; Rocket Center – Davidson Center</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Monday, October 4, 2010</th>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30 AM – 10:00 AM</td>
<td>Wine Tasting</td>
<td>Bridge Street Town Centre – Vintage Wine &amp; Cigars</td>
<td></td>
</tr>
<tr>
<td>10:00 AM – 10:30 AM</td>
<td>Perfect Way to Accessorize Workshop</td>
<td>Bridge Street Town Centre – J Jill (<a href="http://www.jjill.com">www.jjill.com</a>)</td>
<td></td>
</tr>
<tr>
<td>10:30 AM – 11:00 AM</td>
<td>Make-up Party</td>
<td>Bridge Street Town Centre – Westin Heavenly Spa (<a href="http://www.westin.com/huntsville">www.westin.com/huntsville</a>)</td>
<td></td>
</tr>
<tr>
<td>11:00 AM – 12:30 PM</td>
<td>Spouse’s Luncheon</td>
<td>Bridge Street Town Centre – Dolce Enoteca (<a href="http://www.dolcegroup.com">www.dolcegroup.com</a>)</td>
<td></td>
</tr>
<tr>
<td>12:30 PM – 2:00 PM</td>
<td>Free Time (Shopping, Movies, etc.)</td>
<td>Bridge Street Town Centre</td>
<td></td>
</tr>
<tr>
<td>2:45 PM – 5:00 PM</td>
<td>Ice Cream Social &amp; AWWA</td>
<td>Von Braun Center – Exhibit Hall</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Tuesday, October 5, 2010</th>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM – 11:30 AM</td>
<td>Bingo Party</td>
<td>Embassy Suites Hotel</td>
<td></td>
</tr>
<tr>
<td>12:00 PM – 1:30 PM</td>
<td>Joint Luncheon</td>
<td>Von Braun Center</td>
<td></td>
</tr>
<tr>
<td>6:00 PM – 7:00 PM</td>
<td>Banquet Reception</td>
<td>Embassy Suites Hotel</td>
<td></td>
</tr>
<tr>
<td>7:00 PM – 9:00 PM</td>
<td>Banquet and Entertainment</td>
<td>Embassy Suites Hotel</td>
<td></td>
</tr>
</tbody>
</table>

We look forward to hosting you in Huntsville -- Tapping the Past . . . Rocketing into the Future!

Malene McElroy
Why come to Huntsville in October?

Every Room is a Suite!
The Embassy Suites Huntsville features spacious two-room guest suites throughout the hotel. Providing the ultimate in comfortable accommodations, each suite comes complete with its own sitting area, work desk, flat panel LCD televisions, dual-line phones, refrigerator and microwave.

The Hotel is Special!
Enjoy a massage in Spa Botanica, a few laps in the pool after a vigorous workout in the fitness center, or simply relax with a book or wi-fi in the atrium.

The Meals are Feasts!
The Embassy Suites Huntsville features catering by the acclaimed Ruth’s Chris Steak House. You will enjoy meals prepared by chefs inspired by the best of New Orleans-style cooking.

Why would you NOT come?

Spa Botanica: 10% discount offered to AWWA conference attendees if they mention that they are part of the conference when they book their service.
I hope this issue of the PIPELINE finds you eagerly anticipating our trip to the Rocket City in October. Our conference theme this year is Tapping the Past, Rocketing into the Future. We have tried to design our program to look at our history and what the future of our industry holds. Our goal for the conference program is always to provide conference activities that both educate and entertain. I believe we have achieved this once again this year. As you will see, we have maintained most of the traditional activities, some with a new twist, and have added some new things that I think will improve your conference experience.

We had a great response to our call for technical presentations and product demonstrations. We have 29 technical sessions covering the areas of Regulatory Updates, Water Supply, Treatment or Distribution, Operations and Management, and Water Research/New Technologies. We have four exhibitors who will be providing demonstrations and presentations of their products in special “hands on” sessions in our exhibit hall on Tuesday. The Birmingham Water Works Board will be giving guided tours of their Mobile Pilot Plant on Monday afternoon. In addition to our representatives from AWWA and EPA speaking in our Opening Session on Monday morning, we will also have a representative from the Water Research Foundation and our motivational speaker this year is Dr. Charles L. Karr, Dean of Engineering at the University of Alabama. The grand total of all our sessions will provide attendees with the possibility of 11 hours of continuing education.

Once again the Daphne Utilities Board Tappers will take on the boys from the Birmingham Water Works Board in our Pipe Tapping Competition. In addition, we will be holding the inaugural Meter Madness competition for the Section. We have three utilities already training and ready to show who has the fastest fingers in the Section, but there is still time to get your utility signed up if you want to participate.

Of special interest this year are two new events for our Young Professionals (YPs). We will be offering a YP Forum on Monday morning to help our YPs, and any other first time attendees, get oriented to the conference and have the chance to talk with some of our older professionals about how to best maximize their conference experience. We have also scheduled a special YP reception on Tuesday night prior to the Banquet activities to facilitate networking among YPs.

Our Water for People golf tournament promises to be something special again this year. It will be held on The River Course at Hampton Cove, one of the Robert Trent Jones Golf Trails. Registration begins at 9:00 am with a shotgun start at 10:30 am. This earlier start will allow for ample time to play the course and get refreshed before the evening activities at the U.S. Space and Rocket Center.

I always look forward to the conference because it offers us a chance to catch up with friends and fellow professionals that we may only see once a year. Don’t forget to take advantage of all the opportunities for building relationships with other section members that the conference offers. Who knows where they might lead.

See you in October,

Chris Griffin
Program Chair
334-215-9025
Chris.Griffin@ch2m.com
How will the waterways be protected?


Siemens is helping you protect waterways with the industry’s broadest portfolio of biological and filtration solutions for Enhanced Nutrient Removal. Whether your needs demand a new treatment facility or a retrofit to an existing plant, we’ll help you select the best-suited technology to ensure compliance in your community for generations to come. For more information, contact Jim House & Associates, Wynn Echols, wynn_echols@jimhouse.com. 205.592.6302 or Environmental Technical Sales, Inc., Samuel L. Agnew at sagnew@etec-sales.com or call 225.295.1200. www.siemens.com/enrsolutions

Answers.
# Alabama-Mississippi Section AWWA
## 2010 Annual Conference
### Schedule of Activities

#### Sunday, October 03, 2010

<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 am - 2:00 pm</td>
<td>Exhibit Hall Setup</td>
<td>Von Braun Exhibit Hall</td>
</tr>
<tr>
<td>9:00 am - 5:00 pm</td>
<td>Registration</td>
<td>Von Braun Registration Booth</td>
</tr>
<tr>
<td>10:30 am - 6:00 pm</td>
<td>Water for People Golf Tournament</td>
<td>RTJ Hampton Cove</td>
</tr>
<tr>
<td>4:30 pm - 6:30 pm</td>
<td>Wine and Cheese Reception</td>
<td>Von Braun Exhibit Hall</td>
</tr>
<tr>
<td>6:30 pm</td>
<td>Buses to US Space and Rockets Center Begin</td>
<td>Embassy Main Entrance</td>
</tr>
<tr>
<td>7:00 pm - 9:00 pm</td>
<td>Dinner and Entertainment</td>
<td>US Space &amp; Rocket Center</td>
</tr>
</tbody>
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#### Monday, October 04, 2010

<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:30 am - 8:00 am</td>
<td>Breakfast Buffet</td>
<td>Embassy Suites</td>
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<tr>
<td>7:30 am - 4:00 pm</td>
<td>Registration</td>
<td>Von Braun Registration Booth</td>
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<tr>
<td>8:00 am - 9:30 am</td>
<td>Opening General Session,</td>
<td>Embassy Suites</td>
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<td></td>
<td>Welcome from the City of Huntsville</td>
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<td>AWWA National Official</td>
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<td></td>
<td>EPA Official</td>
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<tr>
<td>9:30 am - 10:00 am</td>
<td>Water Research Foundation: Past, Present, and Future Research - John Albert, Senior Account Manager, Water Research Foundation</td>
<td>Embassy Suites</td>
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<tr>
<td>9:30 am - 10:00 am</td>
<td>YP Forum</td>
<td>Embassy Suites</td>
</tr>
<tr>
<td>10:00 am - 10:15 am</td>
<td>Break</td>
<td>Embassy Suites</td>
</tr>
<tr>
<td>10:00 am - 5:00 pm</td>
<td>Exhibit Hall Open</td>
<td>Von Braun Exhibit Hall</td>
</tr>
<tr>
<td>10:15 am - 11:15 am</td>
<td>Annual Business Meeting</td>
<td>Embassy Suites</td>
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<tr>
<td>11:15 am - 12:00 pm</td>
<td>Motivational Speaker</td>
<td>Embassy Suites</td>
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<td></td>
<td>Dr. Charles L. Karr, Dean of Engineering, UA</td>
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<tr>
<td>12:00 pm - 1:30 pm</td>
<td>Strolling Lunch in Exhibit Hall</td>
<td>Von Braun Exhibit Hall</td>
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<tr>
<td>1:30 pm - 2:30 pm</td>
<td>Technical Sessions (3 Concurrent)</td>
<td>Von Braun Meeting Rooms</td>
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<tr>
<td>2:30 pm - 2:45 pm</td>
<td>Break</td>
<td>Von Braun</td>
</tr>
<tr>
<td>2:45 pm - 3:30 pm</td>
<td>Technical Sessions (1 Session Only)</td>
<td>Von Braun Meeting Room</td>
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<tr>
<td>2:45 pm - 5:00 pm</td>
<td>Ice Cream Social &amp; Operator Competitions</td>
<td>Exhibit Hall Competition Area</td>
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<tr>
<td>2:45 pm - 3:30 pm</td>
<td>Meter Madness Competition</td>
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<tr>
<td>3:30 pm - 4:30 pm</td>
<td>Pipe Tapping Competition</td>
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<tr>
<td>4:30 pm - 5:00 pm</td>
<td>YP Volleyball Challenge</td>
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</tbody>
</table>

Note: No scheduled activities for Monday night - on your own for dinner.

#### Tuesday, October 05, 2010

<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
<th>LOCATION</th>
</tr>
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<tbody>
<tr>
<td>6:30 am - 8:30 am</td>
<td>Breakfast Buffet</td>
<td>Embassy Suites</td>
</tr>
<tr>
<td>7:30 am - 10:30 am</td>
<td>Registration</td>
<td>Von Braun Registration Booth</td>
</tr>
<tr>
<td>8:00 am - 2:00 pm</td>
<td>Exhibit Hall Open</td>
<td>Von Braun Exhibit Hall</td>
</tr>
<tr>
<td>8:00 am - 10:00 am</td>
<td>Exhibitor Product Demonstrations</td>
<td>Von Braun Exhibit Hall</td>
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<tr>
<td>10:00 am - 10:30 am</td>
<td>Extended Break</td>
<td>Von Braun Exhibit Hall</td>
</tr>
<tr>
<td>10:30 am - 12:00 pm</td>
<td>Technical Sessions (3 Concurrent)</td>
<td>Von Braun Meeting Rooms</td>
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<tr>
<td>12:00 pm - 1:30 pm</td>
<td>Joint Luncheon</td>
<td>Von Braun</td>
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<tr>
<td></td>
<td>Sponsor Recognition - WFP Speaker (AWWA Video)</td>
<td>Von Braun Meeting Rooms</td>
</tr>
<tr>
<td>1:30 pm - 3:00 pm</td>
<td>Technical Sessions (3 Concurrent)</td>
<td>Von Braun Exhibit Hall</td>
</tr>
<tr>
<td>3:00 pm - 3:15 pm</td>
<td>Break</td>
<td>Von Braun</td>
</tr>
<tr>
<td>3:15 pm - 4:45 pm</td>
<td>Technical Session (3 Concurrent)</td>
<td>Von Braun Meeting Rooms</td>
</tr>
<tr>
<td>5:30 pm - 6:30 pm</td>
<td>YP Reception</td>
<td>Embassy Suites</td>
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<tr>
<td>6:00 pm - 7:00 pm</td>
<td>Banquet Reception</td>
<td>Embassy Suites</td>
</tr>
<tr>
<td>7:00 pm - 9:00 pm</td>
<td>Awards Banquet and Entertainment</td>
<td>Embassy Suites</td>
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</tbody>
</table>
The following are excerpts from some of the abstract submissions for the technical sessions. The technical session schedule (on the middle pages 16 & 17 for easy removal and saving) lists the number of CEU hours which will be awarded for attendance to each session.

**Water Research Foundation: Past, Present, and Future Research**
Monday, October 4, Opening General Session, 9:30 a.m.

The Water Research Foundation (Formerly AwwaRF) was founded in 1966 by a group of utilities that wanted to collectively undertake research that would benefit utilities and have an impact on the industry. Since then the Foundation has become the largest research foundation dedicated solely to water and one of the most well established in the world.

The Foundation has supported research in many areas including; Water quality, Source water management, Advanced treatment, Infrastructure, and Workforce planning. This presentation will cover some of the key research the Foundation has supported over the years and highlight ongoing research and areas of high interest to utilities.

*Presenter: John M. Albert, Sr. Account Manager*
*The Water Research Foundation*

As a Senior Account Manager at the Water Research Foundation, John is the liaison between utilities and the Foundation. Previously, he was a project manager at the Foundation for five years with focus areas in microorganisms, biological filtration, and biofilms. He received a B.A. in Biology from St. Anselm College and a M.Sc. Environmental Science and Engineering from the Colorado School of Mines.

**Corrosion: Its Causes, Effects and Prevention for Ductile Iron Pipelines**
Tuesday, October 5, Session A, 8:00 a.m.

This presentation includes the discussion of ways to identify corrosive conditions and ways to protect ductile iron pipe in these environments. It also outlines the development and performance of polyethylene encasement as the recommended corrosion protection system for Ductile Iron pipe. Also, presented in this lecture is a review of the type of research that led to the adoption of the American National Standard for Polyethylene Encasement for Ductile Iron Pipe Systems (ANSI/AWWA C105/A21.5) and numerous case histories that establish the efficiency of polyethylene encasement. Throughout the presentation 75-years of corrosion research and development are highlighted. As the talk is finalized, the newly developed Design Decision Model™ is introduced to the audience along with its associated statistical analysis.

**Proposed Bylaw Change to be Voted On Monday Morning**

Attendees at the 2010 Conference in Huntsville will have the opportunity to vote on the following proposed change to the Alabama Mississippi Sections’ By-Laws during the business meeting section of the Opening Session Monday morning:

**THE BYLAWS OF THE ALABAMA-MISSISSIPPI SECTION OF THE AMERICAN WATER WORKS ASSOCIATION**

**ARTICLE VII – SECTION GOVERNANCE**

**7.3 Nominations for Members of the Board of Trustees**

7.3.1 At least thirty days prior to an annual meeting of the Section, the Chair shall appoint a nominating committee consisting of three members. The Nominating Committee shall consist of the immediate Past-Chair, who shall serve as the Nominating Committee Chair, and the next two most immediate Past Chairs. If any of the Past-Chairs are unable to serve on the Nominating Committee, the Board of Trustees may appoint any other member deemed appropriate based on knowledge of and experience in the Section. The purpose of the Nominating Committee shall be to nominate candidates for the Section Board of Trustees for the incoming annual term for all positions except the position of Section Director as outlined in 7.3.2 below.

7.3.2 At least thirty days prior to an annual meeting of the Section, the Chair shall appoint a separate nominating committee consisting of three members for the sole purpose of nominating a Section Director.

(This will typically occur every third year when the term of Director is set to expire.) The Nominating Committee shall consist of the current Section Director, who shall serve as the Nominating Committee Chair, and the next two most immediate Past Directors. If any of the Past Directors are unable to serve on the Nominating Committee, the Board of Trustees may appoint any other member deemed appropriate based on knowledge of and experience in the Section.

7.3.3 Each nominating committee shall report to the section at a previously announced business session of the section meeting and shall then place in nomination at least one eligible candidate for each of the offices to be filled. The Chair will automatically be nominated for the Past-Chair and the Vice-Chair nominated for Chair. Other nominations may also be made and received from members of the section from the floor.
In 2009, the American Recovery and Reinvestment Act required that 20 percent of projects funded by stimulus dollars given to the Drinking Water and Clean Water State Revolving Funds be “green.” It is likely that “green” projects will continue to be mandated as part of the SRF allocations. How, then, are utilities greening their operations? This session will examine the ways that utilities are reducing their use of electricity and water in their operations. These methods include common projects funded by ARRA funds such as high-efficiency pumps, automatic meter readers and solar-powered mixers. They also include more innovative green solutions such as on-site electricity generation, source water protection, and promoting conservation through rate practices. The session will focus heavily on how to pay for green projects and will also address the tension and financial implications utilities feel when they are in the business of selling water and are being encouraged (or required) to promote customer conservation.

Presentor: Allen H. Cox, P.E. Regional Director, Ductile Iron Pipe Research Association
A graduate of the University of Tennessee at Knoxville in Civil Engineering, Allen’s previous professional experience includes employment with Texaco, Inc., the US Army Corps of Engineers (Memphis Branch), a Tennessee-based construction company and Memphis Light, Gas and Water Division.
Mr. Cox joined DIPRA in 1981. He is a registered Professional Civil Engineer in the State of Tennessee and a NACE International Certified Corrosion Specialist. He is a member of the American Water Works Association (AWWA), National Association of Corrosion Engineers (NACE) International, American Society of Civil Engineers (ASCE) and the Water Environment Federation (WEF).

Greening Your Water System
Tuesday, October 5, Session B, 2:15 p.m.

In 2009, the American Recovery and Reinvestment Act required that 20 percent of projects funded by stimulus dollars given to the Drinking Water and Clean Water State Revolving Funds be “green.” It is likely that “green” projects will continue to be mandated as part of the SRF allocations. How, then, are utilities greening their operations? This session will examine the ways that utilities are reducing their use of electricity and water in their operations. These methods include common projects funded by ARRA funds such as high-efficiency pumps, automatic meter readers and solar-powered mixers. They also include more innovative green solutions such as on-site electricity generation, source water protection, and promoting conservation through rate practices. The session will focus heavily on how to pay for green projects and will also address the tension and financial implications utilities feel when they are in the business of selling water and are being encouraged (or required) to promote customer conservation.

Presentor: Glenn Barnes, Sr. Account Manager
University of North Carolina
Glenn Barnes joined the Environmental Finance Center based at the University of North Carolina at Chapel Hill in 2006. Barnes teaches courses, provides direct community assistance, and carries out research on a range of topics including water and sewer rate-setting, stormwater management, wetlands, woody debris recycling, and green government. Prior to joining Environmental Finance Center, he worked for non-profits in New England focusing on renewable energy, biofuels, and environmental regulation. Barnes holds a BA and MPA from The University of North Carolina at Chapel Hill.
(BIRMINGHAM, Ala. – July 1, 2010) – Both the Water Works Board of the City of Birmingham (BWWB)’s Pipe Tapping team and their Top OPs team took home a first place victory at the American Water Works Association’s Annual Conference and Exposition 2010 in Chicago, IL. The BWWB Tapping Team, which represents the Alabama-Mississippi section, won the men’s division with a time of one minute, fourteen seconds and the Top Ops came in first place after answering 49 out of 52 questions correctly.

The Tapping Team competes to drill and tap a ductile iron water main under pressure, simulating a water connection to a house. The competition is designed to showcase operator ingenuity, know-how and skills. The exercises performed during the competition are the same activities performed on a day-to-day basis for BWWB customers whenever issues arise.

“All the hard work has finally paid off,” says Jerry R. Storey, Jr., Tapping Team Cranker and BWWB Maintenance Mechanic I. “This is my first win.”

Tapping team members are Jerry Storey, Jr. (cranker), Todd Stewart (copper), Ralph Abbott (coach), Johnny Brittles (setter), Greta Threadgill (coordinator), Mark Kirkland (technician) and Jeff Standridge (head judge). Team members will win a trip to Amsterdam or Birmingham, England to compete against two other international teams. The BWWB Tapping Team is a four-time international champion.

The Birmingham Water Works name is no stranger to the Pipe Tapping competition. The team has finished among the top three for the past seven years and has been in the AWWA’s Pipe Tapping Contest Hall of Fame every year for the past nineteen years, save for 1993. This is the sixth year the team saw a first place victory.

The Top Ops team saw victory for the first time in seven years. In the Top OPs competition, teams score points by displaying industry knowledge and answering “college bowl” style competition questions correctly in a question-and-answer tournament. The BWWB team finally won the first place title this year. Wendell Cox, Johnathan Harris, Bill Shikle and Trey Finch lead the Top OPs to victory.

“We’re ecstatic about dethroning the three-time champions, the Florida Waterboys,” says Jonathan Harris, BWWB Senior Operator.

At left, the Birmingham Tapping Team works its way toward a bid for the international championship. Above, the Top Ops team shows off it’s trophy. This is the first win in seven years for the Top Ops team. (Photos courtesy of BWWB.)
GET INVOLVED WITH THE
ALABAMA/MISSISSIPPI
AWWA
YOUNG PROFESSIONALS
AT THE 2010 ANNUAL CONFERENCE

October 3 - 5, 2010 at the Von Braun Center
Embassy Suites Hotel & Spa
Huntsville, Alabama

YP EVENTS AT THE CONFERENCE:

Young Professionals’ Forum:
One of the sessions at the conference will be dedicated to Young Professionals. This will give us a chance to highlight work done by YPs in the section as well as discuss the future issues facing the water industry and the Alabama / Mississippi Section. Please contact Hercy Golson or Ben Benvenutti if you are interested in presenting during the session.

Young Professionals’ Activities:
One of the activities at the conference will be the 2nd Annual YP Scavenger Hunt. The objective of the scavenger hunt is to provide a tool for young professionals to interact with exhibitors and section members. Those YPs who take advantage of this event and complete the scavenger hunt will be entered to win prizes.

Our 5th Annual YP Volleyball Challenge will be held on Monday afternoon, October 4, 2010. It will showcase the YPs vs. the OPs (older professionals) in a match to see who will be this year’s champion. Contact us if you are interested in participating in the event. We need players for both teams, line judges, and commentators.

For more information contact:
Hercy Golson  Ben Benvenutti
hercy.golson@hsvutil.org BenvenuttiBB@cdm.com
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260-563-3171
It’s that time of year to start thinking about the Alabama/Mississippi AWWA 2010 Annual Conference. This year’s Conference will be held in beautiful Huntsville, Alabama at the Von Braun Center on October 3rd through October 5th. The Exhibit Hall is now open for registration. Space is limited, so please register early to secure a prime location to provide your company with the most visibility at this highly attended conference. On-line registration is available at www.almsawwa.org.

The exhibit hall layout is also available on our website, www.almsawwa.org. Each 10’ x 10’ booth includes one conference registration for the cost of $750.00. On September 4, the exhibitor registration price goes up to $800.00. Booth location selection is on a first come first serve basis, so register early. Additional conference registrations are $325.00 per person and are available at www.almsawwa.org. Following registration, the Von Braun Center will be emailing additional forms to furnish each exhibitor with any extras that may be needed, everything from extra chairs to power supply. Remember booth location selection is on a first come first serve basis and exhibitors who register after September 1st cannot be listed in the printed Conference Program, so register early.

The following times are scheduled for booth set up and breakdown.

**SET UP/BREAKDOWN TIMES**

Exhibit Hall Set Up Time: October 3, 2010 (Sunday)
6:30 am to 3:00 pm

Exhibit Hall Breakdown Time: October 5, 2010 (Tuesday)
3:00 pm

Additionally, this year we are teaming with the Young Professional for an exciting new competition. The Young Professionals will select the “Best Booth” of the conference. The winner of the “Best Booth” competition will receive a free booth at the Alabama/Mississippi AWWA 2011 Annual Conference to be held in Biloxi, Mississippi. The winner will be announced on October 5th.

The YPs will also have their own booth so please come by and visit. Information will be available to help more Young Professionals in your company become involved in the AWWA.

We look forward to seeing you at the 2010 Annual Conference. Please do not hesitate to contact me if I can help in anyway.

Shannon Bailey
Exhibits Chair
Shannon.Bailey@tetratach.com
Sunday October 3rd
U.S. Space & Rocket Center
Dr. Jan Davis, Astronaut
Dr. Davis spent 673 hours in space on three missions – STS-47 (Endeavor), STS-60 (Discovery), and STS-85 (Discovery). STS-60 was the first shuttle flight with a Russian cosmonaut crew member.

Monday October 4th
Keynote Speaker, Opening Session
Dr. Charles Karr
Dean, College of Engineering, University of Alabama
A leading expert in the area of intelligent systems, Dr. Karr is the author of three books and 20 book chapters, and has published 44 referenced journal articles and more than 90 conference papers. He holds four international patents in the area of intelligent systems for locating the sources of radio signals.

Tuesday October 5th
Banquet Entertainment
Greg Bennick
Smart, funny & extremely entertaining Greg is a keynote entertainer. Using juggling, mind reading and comedic improvision, Greg creates a visual display of words and action every time he takes the stage.
ALABAMA/MISSISSIPPI SECTION
AMERICAN WATER WORKS ASSOCIATION
63rd ANNUAL WORKS CONFERENCE
OCTOBER 3-5, 2010  Von Braun Center
700 Monroe Street
Huntsville, Alabama 35801

REGISTRATION FORM

Please complete and return to AL/MS AWWA, c/o Carson Smith, PO Box 2048, Huntsville, AL 35804
Make Check Payable To: "AL/MS Section AWWA"

Name: ____________________________ Name/Nickname for Badge: ____________________________
Spouse’s Name: ____________________________ Name/Nickname for Badge: ____________________________

City: ____________________________ State: ____________________________ Zip: ____________________________ Phone: ____________________________

Base: ____________________________ AWWA Membership Number: ____________________________ Email Address: ____________________________

Is this your first time attending the Alabama-Mississippi Section AWWA conference? Yes  No  Spouse’s?
Are you a Young Professional (age 35 or younger)? Yes  No  Spouse’s? ___________ Email Address: ____________

For Exhibitors: 1st Choice Booth Space _______ 2nd Choice _______ 3rd Choice _______

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<td>First Time Young Professional (age 35 or younger only) Includes Monday only Pass for all activities (No technical sessions are included, except YP session)</td>
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Total Amount Enclosed

Conference registration cancellations after September 3, 2010 are not refundable, but substitutions are accepted.

If paying by credit card, please fill out the following information:

Master Card

Credit Card Number: ____________________________ Expiration Date: ____________________________

If you have any questions, please contact Carson Smith at 256-535-1472, 256-535-1114 (Fax), Carson.smith@hilton.org. To register online, go to http://www.123reg.com/registration?func=spec. Hotel Reservations must be made directly with the Embassy Suites at 1-800-EMBASSY or online at http://embassysuites.hilton.com/en/es/groups/event.lizard/TSVESES-AWW-2010.html/index.html and use Group Code AWW. The Room Rate is $129.00 for single or double occupancy. Hotel reservations must be made by September 3, 2010 and cancellations must be made 24 hours prior to arrival date.
As a part of the 2010 Conference activity program, the Young Professionals will be hosting the section’s first ever Water Taste Test Competition at this year’s annual conference in Huntsville, Alabama. The Water Taste Test is a competition to see which participating utility can deliver safe, great-tasting tap water.

Rules for competition:

- **Eligibility:**
  - Participating utilities in the Alabama-Mississippi Section of AWWA.
  - There can be no state or federal drinking water violations (MCL, monitoring, recordkeeping, etc.) for fiscal year 2010 (Oct. 1, 2009 - Sept. 30, 2010).

- **Requirements:**
  - A representative from each participating utility must be present in order to compete at the conference.
  - Two samples must be delivered to the YP booth in the Exhibit Hall, each in a 1-liter glass container identified with the name of the utility water system it represents. Samples must be dropped off prior to Sunday, October 3rd at 6:00 PM.
  - Samples may be shipped to the location specified prior to the date above. Should utilities have problems shipping their samples, please contact Hercy Golson at (256) 652-4605.
  - Samples will be served at room temperature to help the judges better judge each sample effectively.

- **Contest Judging:**
  - If interested in judging the competition, please contact Hercy Golson – hercy.golson@hsvutil.org, or Benjamin Benvenuti – BenvenutiBB@edmu.com
  - Samples will be judged on a 10-point scale from Good (1) to Best (10).
  - Scores will be calculated and the winner will be announced at the Annual Business Meeting.
  - The winner of the competition may represent the section at the 2011 ACE Conference's Best of the Best Taste Test.

For more information about this event, please contact:

Hercy Golson at hercy.golson@hsvutil.org.
Phone: (256) 652-4605 Cell: (256) 535-1400
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In Mississippi contact: Environmental Technical Sales, Inc.
7731 Office Park Boulevard • Baton Rouge, LA 70809
Phone: (225) 295-1200 • Fax (225) 295-1800
Email: sagnew@etse-sales.com
REGISTRATION

Where: RTJ Golf Trail at Hampton Cove, The River Course
      Huntsville, Alabama

When: Shotgun start at 10:30 am
      Registration/Practice begins at 9:00 am
      Lunch will be served on the turn around
      Awards program following at the Dinner/US Space & Rocket Center

Format: Four person scramble

Entry Fees: $100 per person
            Includes 18 holes of golf, golf cart, range balls, lunch, participation gift
            Mulligan Packages can be purchased at the tournament for $20 each (Limit 1 per golfer)

CONTACT INFORMATION FOR INDIVIDUAL & TEAM PLAYERS, AND/OR SPONSORS

Name: ____________________________________________ Handicap: __________
Company: __________________________________________
Address: __________________________________________
City, State, Zip: ____________________________ Phone: __________ Fax: __________ Email: __________

TEAM

Player: ____________________________________________ Email: __________ Handicap __________
Player: ____________________________________________ Email: __________ Handicap __________
Player: ____________________________________________ Email: __________ Handicap __________

SPONSORSHIP OPPORTUNITIES

Please indicate if you would like to sponsor the golf tournament through one (or more) of the
options listed. In addition to the various course and conference signage, your company
will also be recognized throughout the conference,
AL-MS AWWA website (www.almssawwa.org) and in the quarterly newsletter, Pipeline.
For sponsorship opportunities, please contact
Kevin Kenney (256) 361-3608 or KWKenney@GarverUSA.com.
Help make this year’s tournament a success!

ELITE TEAM PACKAGE AND SPONSORSHIPS

☐ Tournament Sponsor ($1000) - includes 1 team, 4 Mulligans, hole signage, plaque, VIP Gift Package
☐ Eagle Level ($600) - 4 Mulligans, hole signage, plaque
☐ Hole Sponsor ($200) - includes recognition sign at tee box or green
☐ Door Prizes ($25 min) - donations Item __________________________

PAYMENT INFORMATION

You can register online using a credit card at www.almssawwa.org.
If registering through the mail, complete & return form to:
AL-MS AWWA Golf Tournament | Attn: Sonny Jones | 3800 1st Avenue North | Birmingham, AL 35222

If you have questions, please contact: Sonny Jones, (205) 244-4000 or SJONES@BWWSB.com
Kevin Kenney, (256) 361-3608 or KWKenney@GarverUSA.com
On the 24th and 25th of March, the AWWA Alabama/Mississippi Section representatives flew into Washington D.C. to address water issues on Capitol Hill. This year the representatives were Drusilla Hudson and Jason Carter of Alabama and Glenn Thomas and Thelmon Boyd of Mississippi. On Wednesday morning, March 24th, we, along with many other AWWA professionals, discussed pertinent water industry issues by attending a preparation meeting. Equipped with all the information given to us by our AWWA Legislative Director, Tommy Holmes. Questions were addressed with potential concerns from similar issues first discussed during the 2009 Fly-In. This put the delegates in a position to address new concerns while at the same time re-enforcing old ones.

The hot bed issues for this year’s Fly-In were Federal Water Infrastructure Bank, Chemical Facility Security, Pharmaceutical Compounds in Drinking Water, Geosequestration Hydraulic Fracturing (Hydro-Fracking) and Perchlorate.

Federal Water Infrastructure Bank

The Federal Water Infrastructure Bank (FWIB) was one of the issues discussed in the 2009 Fly-In; something that will benefit both small and large utilities. There were several concerns about funding replacement of aging water systems, and the state revolving fund monetary limitations. This new financial institution will allow for funding at a lower interest rate and ensuring a streamlined approach to financing. AWWA recognizes that at present, communities need more assistance in financing their projects due to increased demands on financing options available to utilities during this economic credit crisis that has impacted our country. There will be struggles trying to get the FWIB passed into law; nevertheless, we will continue to push our concerns from both the Drinking Water and Wastewater industries.

Chemical Facility Security

The drinking water and wastewater utilities are currently exempt from chemical facility security anti-terrorism standards, known as CFATS. Congress is considering to end the exemption that will expire September 2010. The deadline has been extended. The house has already done this in H.R. 2868.

Pharmaceutical Compounds, Geosequestration, Hydraulic Fracturing (Hydro-Fracking), and Perchlorate

Utilities around the country have proactively monitored pharmaceutical compounds in their source waters in an attempt to get ahead of any potential problems in our drinking water. AWWA supports further research by EPA and others, as these compounds can pose long-term health problems.

Geosequestration can propose unintended consequences for underground sources for drinking water. The final rule may be announced late 2010 or early 2011.

Hydraulic Fracturing has been introduced into legislation to remove existing exemptions that would amend the Safe Drinking Water Act. This bill requires oil and gas companies to disclose the chemicals used in hydraulic fracturing operations. Currently the EPA has not pushed for regulation of Perchlorate. The AWWA believes the EPA should continue to make these decisions, based upon occurrence and health risk data.

We discussed important issues that impact the quality of water delivered to our customers with our national representatives. They were very receptive to our needs and expressed support of providing high quality water to all of America’s citizens. The challenges are many and the resources are few; however, we must continue our efforts until our goals have been met. Our goal is to continue to provide clean water now and clean water for future generations. -- Drusilla Hudson
This is part one of a two-part article about Asset Management written by Craig Watkins of SEMS Technology. The second part will be in the Fall issue of the Pipeline magazine.

It's 3:00 PM on Friday afternoon and you receive a call from your boss. They ask for a complete asset inventory for all the water distribution system assets to include purchase dates, equipment ages, and remaining useful life. To top off the request, they have asked for copies of all the work orders generated from a specific section of a water main that has been a trouble spot for several years. The final request is that you need this information turned in prior to a city council meeting Monday morning at 8:00 AM!

Many have been in that exact situation; scrambling to capture information and compiling data into a useable format. Nevertheless, it's gratifying to see operators able to use software that assists utilities with this very problem. Still, if you don't have an asset management tool, there are a variety of factors you may want to consider when developing an automated maintenance program.

In the past, managers had to capture this information through massive volumes of hard copy data. This required a large block of time. However; if this facility had implemented an effective asset management program these tasks would be completed in a matter of minutes and transmitted to the boss's email by the end of the business day, leaving you with more time to complete other assignments for your utility and returning the weekend golf trip that you almost missed out on.

In today's economic environment, it is essential for utilities to effectively manage and maintain their assets. Why is it so important?

First let's look at the definition of asset management: Asset management is maintaining a desired level of service for what you want your assets to provide at the lowest life cycle cost. Lowest life cycle cost refers to the best appropriate cost for rehabilitating, repairing or replacing an asset. Asset management is implemented through an asset management program and typically includes a written asset management plan. (Asset Management: A Best Practices Guide, USEPA)

Utilities can face several challenges when managing their assets. Not to mention the industry talk of the government making asset management plans mandatory, since it helps to cut unnecessary spending. Several of these challenges are due to shrinking workforce, determining the best time to rehabilitate/repair/replace aging assets, increasing demand for services, overcoming resistance to rate increases, diminishing resources, rising service expectations of customers, overwhelming regulatory requirements, responding to emergencies as a result of asset failures and protecting assets.

Water & wastewater utilities which utilize an effective asset management program, realize the benefits of prolonging asset life. These benefits include aiding in rehabilitate/repair/replacement decisions through efficient and focused operations and maintenance, meeting consumer demands by focusing on system sustainability, setting rates based on sound operational and financial planning, budgeting focusing on activities critical to sustained performance, meeting service expectations along with regulatory requirements, improving response to emergencies, improving security and safety of assets.

The first step in establishing an effective asset management program is to identify the current state of the utilities assets.

Some of the data that should be captured is:

- What equipment does the utility own?
- Where is it?
- What is its condition?
- What is its useful life?
- What is its value?
- Does the utility have a current asset inventory and system map?
- Developing a condition assessment and rating system.
- Assessing remaining useful life by consulting projected-useful-life tables or decay curves, information typically found in equipment operations and maintenance manuals.

Continued on page 32
The five-day Basic AWWA Water Utility Management Institute will be presented in Salt Lake City, Utah, September 13 - 17, 2010. All sessions are held at the Comfort Suites Hotel (3 miles from the airport and downtown Salt Lake City!) for AWWA members and water department personnel nationwide.

This class brings together water company personnel from every region of the county (and Canada as well) in an atmosphere of learning and sharing important leadership principles. This affordable, top-notch training teaches practical, “real world” supervisory and management skills needed to be effective in today’s workplace.

The schedule is as follows:

Day 1 - Foundations Of Leadership
Day 2 - The Leader’s Role In Performance Management
Day 3 - Managing Conflict
Day 4 - Employee Selection
Day 5 - The Leadership of Change

The Institute registration fee is $499.00.

An Advanced AWWA Water Utility Management Institute is scheduled at the same location the week of October 18 - 22, 2010. That schedule is as follows:

Day 1 - Assessment Of Leadership Vision, Values and Strategy
Day 2 - Teambuilding
Day 3 - Decision Making
Day 4 - Transformational Leadership and Vision Alignment
Day 5 - Critical Thinking Skills For Problem Resolution And Innovation.

The Advanced Institute registration fee is $499.00.

Optional certification from Utah State University will be available for $50.00 extra to members needing to meet training requirements for professional affiliations. To obtain the Basic Institute and/or Advanced Institute schedule and registration information, call Chuck Christensen at (801) 281-0107, or email him at chuckets@msn.com.
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Save Energy • Lower Pumping Costs
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AL-MS SECTION AWWA 2010 CONFERENCE
1st ANNUAL METER MADNESS COMPETITION

OCTOBER 4, 2010
Von Braun Center
Embassy Suites Hotel & Spa
HUNTSVILLE, ALABAMA

The AL/MS Section of the American Water Works Association is in the process of preparing its 2010 Annual Conference activity program. The 2010 program will include activities for both the older professionals and young professionals that are part of the organization. This year will include our 1st Annual Meter Madness Competition. Meter Madness is a competition where contestants assemble a specified water meter from a bucket of parts. The Competition is a measure of an individual’s skill at assembling a meter quickly, totally, and accurately.

Criteria for competition include:

- Each utility may send a maximum of three competitors.
- Two turns shall be allowed for each competitor with the faster of the two times being used for his/her official time.
- The winner will be determined by the best “official” time.
- Each competitor will be furnished with a bucket, or container containing the completely disassembled meter. Tools for the event will be provided for each competitor.

2010 Rules and Regulations –

To make this event a reality at the 2010 Conference, we need a minimum of 4 competitors and 6 judges. If you are interested in competing or judging, please contact Chris Griffin – Program Chair, or Hercy Golson – Assistant Program Chair at:

Chris Griffin, P.E.
Program Chair
Tel. (334) 215-9025
Chris.Griffin@ch2m.com

Hercy Golson
Assistant Program Chair
Tel. (256) 652-4605
Hercy.Golson@hsuutl.org

SUBMISSIONS FOR THE COMPETITION MUST BE MADE BY SEPTEMBER 10th.
Professional Directory

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Fullington Joins Barge Waggoner Sumner & Cannon as Director of Water Services

Nashville – Barney G. Fullington has joined Barge Waggoner Sumner & Cannon, Inc. (BWSC) as Director of Water Services, responsible for overall direction of water, wastewater, and water resources services. Fullington has over 15 years of experience in planning, design, and project management for a variety of water-related projects nationwide. Most recently, he served as Project Manager for Black & Veatch, which ranks in the top 10 in water, sewer, and wastewater services according to Engineering News-Record.

“Our firm has a legacy for providing water services for many communities and industrial clients. Barney has the leadership and technical skills to direct the expansion of our national water services program,” said Bob Higgins, president and CEO of BWSC.

Fullington received his Master of Science Degree in Civil and Environmental Engineering from the University of Wisconsin-Madison and his Bachelor of Science Degree in Civil Engineering from the University of Illinois-Urbana/Champaign. He is a Registered Professional Engineer and an active member of the Water Environment Federation and the American Water Works Association. Originally from the Nashville area, Fullington currently resides in Franklin, TN.

Barge Waggoner Sumner & Cannon is an employee-owned engineering, architecture, planning, landscape architecture, and surveying firm.
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