Drugs in Our Water?
How to Weather the Latest Water Safety Issue

AL/MS Section
Seminars Scheduled

AWWA Delegation
Visits Washington

Montgomery in October:
Conference Information

Vol. 2008 No. 1
Alabama/Mississippi Section
American Water Works Association
www.almsawwa.com
Helping meet your customers’ demands

For more than a century, Malcolm Pirnie engineers and consultants have worked side-by-side with clients like you to help find the right solutions to your unique needs. We focus on truly understanding your business and how it operates - that’s part of our commitment to you.

Birmingham
2170 Highland Avenue
Suite 250
Birmingham, AL 35205
205.930.5700

Mobile
5 North Conception Street
2nd Floor
Mobile, AL 36602
251.441.0655

Offices Nationwide
www.pirnie.com
Pipelines is a publication of the Alabama/Mississippi Section of the American Water Works Association.

Pipelines is mailed to all members of the Alabama/Mississippi Section. In an effort to keep all community water system officials informed, the AWWA trustees voted to provide a complimentary copy to all community water systems within both states. This will help keep water systems current on events affecting the water supply industry and aware of products and services available through the AWWA. Current circulation is over 2700.

Articles and photographs are encouraged and appreciated. All submissions, comments, or other matters concerning this publication should be directed to:

AWWA PIPELINE
ATTN: Deb Hudson (M35) Phone: (256) 535-1480
P.O. Box 2408 Fax: (256) 535-1466
Huntsville, AL 35804 E-mail: dhudson@hsvutil.org
2008 Officers/Trustees of the Alabama-Mississippi Section of the American Water Works Association

Chair .................................................................Tom Walters
Past Chair ..........................................................Lee Jones
Vice-Chair ............................................................Bill Moody
Director ............................................................Danny Hutcherson
Secretary / Treasurer ..........................................Keith Lowery
Trustee-At-Large Alabama .................................Sam McElroy
Trustee-At-Large Mississippi ...............................Hunter Arnold
Section Manager ................................................Ken McCool

2008 Committee Members

Program Chair .................................................Chris Griffin
Program - Assistant to Chair ..............................Harry Gong
Entertainment ...................................................Chuck Lott
Exhibits ............................................................Jim Ballintine
Exhibits - Assistant to Chair ..............................Jason Cumberland
MAC - Chair ......................................................Jim Watterson
MAC - Assistant to Chair ..................................Rodney Owens
Registration ......................................................David Stejskal
Education - AL Co-Chair .....................................Mark Smith
Education - MS Co-Chair .....................................Hugh Smith
Pipeline Editor ...................................................Deb Hudson
Time & Place - Chair ............................................Jim Miller
Time & Place - Assistant to Chair ........................Sam McElroy
Resolutions.........................................................Blake Jeffcoat
Governmental Affairs - Co-Chair AL .......................Joel Connally
Governmental Affairs - Co-Chair MS ....................Bobby Redding
Audit .................................................................Bill Moody
Young Professionals ..........................................Carson Smith
Safety Chair ......................................................Jimmy Wilson
Water For People - Chair ..................................Buddy Morgan
Water For People - Assistant to Chair ...............Kyle Massey
Nominations .......................................................Lee Jones
Memorial Scholarship ........................................Tony Owens
Fuller Award .....................................................Denson Robinson
Membership .....................................................Ken McCool
AWWA National Contact .................................Susan Franceschi
Hotel Contact ....................................................Renee Browning
This year’s AL/MS AWWA Section activities officially got kicked off with our Section Planning Meeting held January 27-28, 2008 in Prattville, Alabama. Nearly all of our Section’s committees were represented. This meeting was not only to start planning our annual conference, but we utilized this time to review roles and responsibilities of the various committees, and to discuss tactics and strategies for achieving the goals we set for our Section in 2008. At my place of business we call this activity “chartering the team.” When you charter your teams, it is important that each member of the team have a thorough understanding of the team’s mission. So, throughout this year I will take the opportunity to remind us of our Section’s mission, which is:

“The Alabama/Mississippi Section of the AWWA serves as the dedicated source of information to promote, support, and improve the provision of sustainable safe water. Through collective leadership, the Section advances innovation in technology, science, education, management, and governmental policies for the betterment of the citizens of Alabama and Mississippi.”

If our actions throughout the year cause you to be concerned that we are deviating from this mission, please do not hesitate to remind us of this mission so that we can evaluate and make any necessary course corrections.

As we’ve mentioned previously, we are committed this year to continuing “free-to-member” seminars. We would like to expand this program, if possible. The Smith brothers (Mark in Alabama and Hugh in Mississippi) are your Section’s education chairs this year. The Section’s Board of Trustees has pledged to fully support this valuable program which I believe hits dead-on with our Section’s mission. If you have any ideas or requests for certain seminar topics, please contact either Mark Smith in Alabama or Hugh Smith in Mississippi. Their contact information is on the website at www.almsawwa.org.

I am pleased to report that as of this writing, the new Montgomery Renaissance Hotel & Spa is opened for business. This is the site of our 2008 annual conference. This is definitely a first-class facility, and I believe you will find your experience there to be a memorable one. So, I hope you all are making plans to attend our annual conference in Montgomery, Alabama from October 5 – 8, 2008.

Thank you for your continued prayers and support.

Tom Walters
Greetings to all,

I’m happy to report that it is business as usual and more at AWWA. You may be aware that AWWA has undergone some changes on the national level during the last few months. You hopefully have not experienced any problems as a result of these changes but I should probably mention a few.

At the winter board meeting we approved the hiring of a new executive director to replace Jack Hoffbuhr. Jack decided to retire last year after 12 years of faithful service to AWWA. After an extensive search it was decided to hire Gary Zimmerman as the new executive director. Gary has experience managing a non-profit organization and we are confident that he will use that experience to take AWWA to an even higher level of excellence. You can read more about Gary at:

http://www.awwa.org/publications/MainStreamArticle.cfm?itemnumber=33518

The AL/MS section has also moved into a different region in the national organization. Region II is now comprised of the following sections: Alabama-Mississippi, Florida, Georgia, Kentucky-Tennessee, North Carolina, Puerto Rico, South Carolina, Virginia and West Virginia. Sam McElroy and Lee Jones attended the Regional Meeting in Asheville, NC in February. I regret that I was not able to attend but my first grandchild was born then and I just could not pry myself away from that event. I got reports back that Sam & Lee represented us very well.

Tom and Patsy Walters and their planning team are busy preparing for the section conference in October in Montgomery. We’ll be meeting in just a few weeks to put the finishing touches on the arrangements so get ready for a fantastic conference.

I hope many of you are attending the AWWA Conference & Exposition in Atlanta in June. It’s within easy driving distance for all our section members. If you have never experienced a national conference, this is the perfect year to do so. You can get all the details at: http://www.awwa.org/ace08/

Thanks for all of the great volunteer efforts from our members.

Danny Hutcherson
Late January I had the opportunity to attend a National W.A.R.N. Workshop in Denver at the AWWA Headquarters. This workshop, along with other programs involving WARN and AWWA was sponsored through an EPA grant. A total of 47 states were represented by their WARN Chairs, including Hawaii and Alaska. Mississippi and Alabama were represented by yours truly, since Buddy Morgan of Montgomery had the misfortune of boarding an ill-fated flight (...better ask him; I don’t have enough allocated space in this article to explain!).

The purpose of the meeting was to share ideas and operations plans through round-table team assignments. We did pick up a refined Model MAA (Mutual Aid Agreement), an updated disk on resource typing and the new Model Standard Operating Plan for WARN Chapters. Upon our return, the tornado outbreak in the upper mid-south saw all of our e-mails, which we had set up as a National WARN group, banter back & forth with requests for damage assessment and offerings of assistance to the Missouri and Kentucky-Tennessee Chairs. As it turned out, those area systems were doing just fine on their own but the enthusiasm for the WARN concept was truly shown.

In February, Lt. Colonel Mike Windham of the MS Military Department (MMD) and lead agency for ESF-3 (Public Works & Engineering) and I attended the Central United States Earthquake Consortium (CUSEC) in Tunica, MS. We had an opportunity there to share our experiences during Hurricane Katrina and the void brought to nationwide attention concerning the establishment of need and location & delivery of resources for water and wastewater utilities.

On April 23rd, I’d been asked by CUSEC to participate on an infrastructure panel at the National Earthquake Conference in Seattle. This commitment on my part, agreed to last summer, had found me in conflict with other work interests here on the Coast. As a result, I was able to recruit Dan Munger, the Infrastructure Branch Chief with the MS Emergency Management Agency (MEMA) who is already well-schooled on the benefits of WARN. Dan, Mike & I also met in Pearl, MS to continue to develop the ESF-3 standard operating procedure and integrate a MsWARN into its framework.

With 22 State WARN Chapters now established it is time for us within Alabama and Mississippi to finally take that leap on our formation.

In Alabama, we have an established Mutual Aid Agreement (MAA) circulated with around 14 utilities signed on. With AlWARN, some work remains to bring on 100% support of all water associations in Alabama. It was learned in Denver that Alabama is unique in that regard.

In Mississippi we have the support of all State Agencies and Associations and do have an energetic committee; furthermore, Jason Barrett with the MS State University Extension Service is already corresponding and visiting our FlaWARN steering Committee members and the Florida TREOO center (his counterpart) on how MSU can play a role with our website.

Let’s get our Steering Committees together, continue to circulate the MAA’s (MS needs to start) and join the other 22 States already looking for action.

I brought back a world of information from Denver, both in electronic and hardcopy form and hope to be able to share it with all who are interested.

Regards,

Ken McCool
Section Manager
AL/MS AWWA
Put the gears in motion to boost your plant’s performance

Siemens can put the gears in motion to achieve your vision of sustainability. Our membrane bioreactor (MBR) system easily retfits into your existing infrastructure. The result? You get improved effluent quality with the potential of quadrupling your plant capacity. And by recycling treated wastewater, the Siemens MBR process helps support your community’s commitment to environmental stewardship. To learn how you can boost your plant’s performance and ensure future water supplies for your community, contact one of our product specialists today.

For more information, call 800.524.6324 or visit www.siemens.com/mbr

Water Technologies
Lots of companies supply a piece of the treatment puzzle. Degremont Technologies solves it.

Degremont Technologies is the trusted name in water and wastewater treatment. As in the past 100 years, we supply high-performance equipment and systems for all stages of treatment. Whether you’re upgrading or building a new facility, we offer compatible solutions. Discover innovative treatment technologies at www.degremont-technologies.com

In Alabama contact: The Eshelman Company, Inc.
P. O. Box 361984 • Birmingham, AL 35236 • Phone: (205) 424-7570 • Fax (205) 424-4281
Email: eshelco@aol.com

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@etec-sales.com
Annual Fly-In ... AWWA Delegation Visits Washington

Again this year, our section participated in the nationally sponsored, 7th Annual AWWA Water Matters Fly-In. Participants and representatives from around the country met in Washington DC on April 16th and 17th to discuss important issues affecting the water and wastewater industry.

Representing Alabama was Sam McElroy, Trustee-at-Large, and Joel Connally, Alabama Governmental Affairs Chair. Representing Mississippi was Hunter Arnold, Trustee-at-Large; and Hugh Smith, Education Chair. AWWA President, Nilaksh Kothari, introduced the guess speaker, Steven Roberts, a syndicated columnist and Shapiro Professor of Media and Public Affairs at George Washington University.

Many primary issues were discussed with congresspersons and assistants, including pharmaceutical compounds in the drinking water, chemical facility security, investing in water infrastructure, climate change, and requests for drinking water appropriations. Due to heighten media coverage, most offices were keenly interested in the pharmaceutical compounds in drinking water and the adverse health affects it could have on citizens. AWWA national and the section’s position reinforced the commitment by our industry to provide safe and affordable drinking water and emphasized that research and technology now allows detection of lower levels of contaminants than ever before, some in the parts per trillion range – equivalent to a few drops in and Olympic-sized pool. Participants restated the fact that just because a substance is detectable does not mean it is harmful to humans.

AL/MS AWWA looks forward to next year’s Washington Fly-in!

Sam McElroy and Joel Connally met with Congressman Mike Roger to discuss water issues.

Ultrafiltration (UF) Water Treatment Solutions

ZENON's immersed (UF) membranes provide a trusted physical barrier against turbidity, bacteria, and viruses in your community's water supply.

Proven in hundreds of installations, ZENON's low-pressure membrane systems and are the preferred choice for reliable and cost-effective water treatment solutions for plants of all sizes—from small pre-engineered systems to the world's largest operating UF systems.

Contact your local ZENON representative today and discover the advantages of immersed low-pressure UF membranes.

To learn more about immersed low-pressure UF membranes visit www.zenon.com or contact your local ZENON representative.
Pharmaceutical Compounds in Drinking Water

By Tommy Holmes, Legislative Director
AWWA Governmental Affairs Staff
tholmes@awwa.org

Background

Drinking water utilities have been proactive in monitoring for contaminants beyond those for which EPA requires testing, such as pharmaceutical products. Recent news coverage related to the occurrence of trace amounts of pharmaceuticals in drinking water has elevated this issue in the minds of many legislators and consumers.

Some pharmaceutical products, such as those used in animal agriculture, enter the nation’s water supply through agricultural runoff. Others come from human sources. Most if not all pharmaceutical products whether used in animals or in humans, are used in doses at which some amounts are passed through the user and into the waste stream. Typical wastewater treatment does not completely destroy or remove these products, so that they pass through wastewater treatment plants and into lakes or rivers that may be sources of drinking water supply downstream. Eventually, those pharmaceutical products may be taken into a drinking water treatment plant, where conventional treatment does not completely remove or destroy them. Thus, minute traces of these products have been found in some treated drinking water.

Water professionals have the technology today to detect more substances – at lower levels – than ever before. Compounds have been reported as low as a few parts per trillion – equivalent to a few drops in 20 two-meter-deep, Olympic-sized swimming pools. However, the fact a substance is detectable does not mean it is harmful to humans. To date, research throughout the world has not demonstrated an impact on human health from pharmaceuticals at the very low levels reported in drinking water. Some studies have suggested that these compounds may affect fish and other aquatic wildlife in lakes, rivers or other bodies of water. However, it is important to remember that fish, reptiles and humans differ significantly in physiology and in their exposure to water. Again, science has not demonstrated human health impacts from pharmaceutical products at the trace levels found in drinking water.

A growing number of communities are implementing pharmaceutical take-back programs as a way to limit unwanted compounds that end up in our wastewater systems. The federal Office of National Drug Control Policy recommends not flushing prescription drugs down the toilet unless the accompanying patient information specifically indicates doing so. While it’s a smart step to encourage responsible disposal of unused medications and this will help reduce levels in wastewater, such practices will not completely eliminate the occurrence of these compounds in our waterways. People and animals do not completely absorb the medicines they take, and some concentrations of these of compounds inevitably pass through digestive systems and end up in wastewater.
Communicating with Our Customers

Water suppliers are committed to communicating openly, honestly and clearly about the safety of the water delivered to their customers. Part of this commitment includes providing context to help customers understand potential health impacts. Water providers communicate about levels of regulated contaminants and human health impacts each year through water quality reports provided to each customer. To communicate in a meaningful way about substances in water, utilities need to know at a minimum 1) the substances for which they should monitor; 2) the best scientific methods to identify and measure those substances in water; and 3) the health effects associated with those substances and at what levels.

The public interest in this issue demonstrates the importance of forward-looking scientific research on water quality and human health. A well-thought-out, coordinated plan including research is essential to our ability to communicate effectively with the public on this issue. As research continues, water providers welcome this broader public conversation about pharmaceuticals and personal care products in drinking water.

Recommendations:

Direct EPA to work with states, water and wastewater utilities, and the agricultural community to minimize contamination of source waters by pharmaceutical products.

Support pharmaceutical take-back programs as a way to limit unwanted compounds that end up in our wastewater systems.

Elevate EPA’s drinking water health effects research budget to at least $60 million in FY2009. It has been established that humans pass on some pharmaceutical products, which then pass through typical sewage treatment processes, and pass again through most drinking water treatment processes. What is most needed now is additional research on the significance of trace amounts of these products, if any.

Continue to rely upon EPA’s science-driven Contaminant Candidate List (CCL) process to identify candidates for new drinking water standards. This process relies upon both occurrence data and health effects data to make sure that utilities focus on contaminants that pose an actual threat to human health.

Continue to rely upon the Unregulated Contaminant Monitoring Rule (UCMR) for decisions concerning testing and reporting to customers about contaminants that are not currently regulated.

Regulatory Alert

LCR Rule for CCRs Changed

From AWWA Governmental Affairs Office
The newly revised Lead and Copper Rule (LCR) will require all community water systems, not just those who detected lead above the action level, to include an informational statement about lead in drinking water in their Consumer Confidence Reports (CCRs).

The Required Consumer Confidence Report (CCR) statement addressing Lead in Drinking Water

“If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. [NAME OF UTILITY] is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.”

For more information concerning requirements for CCRs and other regulations, please contact your states’ regulatory agency. For a complete copy of this AWWA bulletin, email the Pipeline Editor at dhudson@hsvutil.org.
Since 1909

Making Water Clean

Hungerford & Terry is committed to advanced water engineering to remove iron, manganese, arsenic, hydrogen sulfide, nitrate and radium to below the established MCLs.

Represented By:

The Eshelman Company
(Al)
PO Box 361984
Birmingham, AL 35236
Phone: (205) 424-7570
Fax: (205) 424-4281
Eshelco@aol.com

Environmental Technical Sales, Inc.
(AR, LA, MS)
7731 Office Park Blvd.
Baton Rouge, LA 70809
Tel: (225) 295-1200
Fax: (225) 295-1800

Samuel L. Agnew
Email:sagnew@etec-sales.com

Mike Todd
Email:mtodd@etec-sales.com

Call or Email Today:
(856) 881-3200
sales@hungerfordterry.com
www.hungerfordterry.com
Permitting
Tank Rehabilitation
Water Treatment & Distribution
IDSE & Stage 2 DBP Compliance
Construction Reviews
Pumping Stations
Rate Studies
Water Storage & Supply
Hydraulic Modeling & Analyses
Groundwater Treatment & Wells
Distribution System Planning
Feasibility Studies
Mapping & GIS

2100 River Haven Drive, Suite 100
Birmingham, Alabama 35244
(205) 987-7411

245 TownPark Drive, Suite 525
Kennesaw, Georgia, 30144
(770) 956-7901

312 Montgomery Street, Suite 810
Montgomery, Alabama 36104
(334) 271-0986

www.KrebsAE.com
Mentorship is a common buzz word used in employee development. It refers to a relationship between an experienced individual called a mentor and a less experienced individual referred to as a protégé. In this relationship, the mentor takes on the role of advisor/counselor to help develop the protégé’s career. The process of mentoring can be formal as would be the case of arranged and structured interactions between a manager and a subordinate or informal as would be the case of none arranged or structured interactions between associates. Whether through formal or informal interactions, the development of our future leaders depends on our ability to be good mentors. Famous tennis player Arthur Ash was once asked to define leadership and his response was “Leadership is not the urge to surpass others at whatever cost but, the urge to serve others at whatever cost.”

The water industry is facing intense challenges with regards to employee training and retention. Having a skilled workforce is essential for water purveyors to provide communities with safe potable water. Organizations should seek to create mentoring programs designed to promote employee training and development. Organizations that are successful at this will see an overall increase in the competence and skill level of their workforce. The importance of senior personnel passing on their knowledge and skills to the next generation of managers and leaders cannot be overstated. Mentoring programs can help facilitate this transferring of knowledge.

Mentoring programs can also help with employee retention. A young professional who is employed by an organization that provides him/her with a good mentor is more likely to remain with that organization. This young professional is given the opportunity to develop their career under the guidance of an experienced professional. The experienced professional should inspire and help the young professional reach their career goals. As career goals are met, the young professional is provided with feelings of accomplishment and direction.

Organizations should also seek to develop their future leaders and managers from within. They should provide their current workforce with the necessary training to become effective leaders and managers. Mentoring programs can provide the atmosphere for this development. Most fortune five-hundred companies use formal mentorships to develop their junior executives. These companies use mentorships...
to identify an employee strengths and weaknesses, so that leadership development can be focused in needed areas.

Informal mentoring programs can be just as effective as formal mentoring programs provided there is a mutual level of respect between the mentor and the mentee. Informal mentorships are not managed, structured, or formally recognized by an organization. They usually occur spontaneously out of mutual admiration or interests shared by the mentor and mentee. Since they do not have the structure of formal mentoring programs, informal mentoring programs require the participants to interact on a social as well as a professional base. Managers who are employed by companies that do not have formal mentoring programs should act as mentors to their subordinates in an informal sense. To be an effective leader you must also be an effective mentor.

As a mentor, you are helping someone become a better person and a better professional. Stock market billionaire Warren Buffett once said: “Everyone has the opportunity to have a positive impact on someone’s life, which in turn has a positive impact on the world.” As a mentor in the water industry, you have the opportunity to have a positive impact on someone’s career, which in turn has a positive impact on the water industry. Our profession needs more leaders and managers who are willing to devote themselves as mentors to the current generation of Young Professionals.

The water industry is changing at an ever increasing pace. Regulatory updates are becoming more prevalent. To keep up with these changes YPs need more than just general guidance. They need your unwritten rules on how to be effective leaders and managers. They need to know your operation specific short cuts on how to do things better, faster, and more efficient. As growing communities place bigger demands for safe potable water, we can only speculate as to what the water industry as we know it now will evolve into in the distant future. However, I am sure we all agree on the need for future leaders who are prepared to handle these changes and challenges.

Many communities offer mentoring programs through the local Chamber of Commerce and Junior Achievement groups. Students are given the opportunity to spend a day on a job site. Is your company participating in this opportunity to promote the water industry?

Some qualities that are essential to being a good mentor:

- **EFFECTIVE MANAGERIAL SKILLS**
  Individuals should have good communications, planning and organizational skills.

- **CURRENT ON LATEST ISSUES AND TECHNOLOGY**
  Individuals should have current, up-to-date technological knowledge and/or skills.

- **TIME & ENERGY**
  Individuals should have the time and mental energy to devote to being a mentor.

- **A DESIRE TO HELP DEVELOP SOMEONE’S CAREER**
  Individuals should be interested in helping other people grow and develop.

- **OPEN MINDED**
  Individuals should be willing to consider new ideas and appreciate ideas that are different from their own.

- **UNPRETENTIOUS**
  Individuals should have the humility to facilitate the development of people who may equal or even surpass them in skill, knowledge, or technical proficiency.
The following is a partial listing of upcoming education seminar opportunities available to AWWA members and other water industrial professionals. Costs are minimal and locations are being chosen throughout the two states that will minimize schedule and travel inconvenience. You may contact the education co-chairs with ideas for topics that you feel would benefit the membership.

Watch the AL/MS AWWA website for schedule and location updates as they become available. Please Contact Hugh Smith (Mississippi Education Co-Chair) at (601) 484-6835 or hughsmith@meridianms.org or Mark Smith (Alabama Education Co-Chair) at 205.987.7411 or mark_smith@KrebsAE.com.

### Educational Opportunities for Water Professionals

**SCHEDULE FOR EDUCATION SEMINARS**

**ALABAMA-MISSISSIPPI SECTION OF AWWA**

**MISSISSIPPI SEMINARS**

<table>
<thead>
<tr>
<th>TOPIC</th>
<th>DATES</th>
<th>LOCATION</th>
<th>PRESENTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>How to Reduce Electrical Power Cost for Water Pumping Systems</td>
<td>14-May-08</td>
<td>Hilton Garden Inn Tupelo, MS</td>
<td>TVA</td>
</tr>
<tr>
<td>Filtration and Membrane Technology and Optimization</td>
<td>June TBA</td>
<td>Meridian, MS</td>
<td>Roberts Filter Group</td>
</tr>
<tr>
<td>How to Reduce Electrical Power Cost for Water Pumping Systems</td>
<td>17-Jul-08</td>
<td>Hilton Garden Inn Hattisburg, MS</td>
<td>TVA</td>
</tr>
<tr>
<td>Water Demand and Conservation Management</td>
<td>August TBA</td>
<td>Jackson, MS</td>
<td>AWWA</td>
</tr>
</tbody>
</table>

**ALABAMA SEMINARS**

<table>
<thead>
<tr>
<th>TOPIC</th>
<th>DATES</th>
<th>LOCATION</th>
<th>PRESENTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>How to Reduce Electrical Power Cost for Water Pumping Systems</td>
<td>5-June-08</td>
<td>Holiday Inn Madison, AL</td>
<td>TVA</td>
</tr>
<tr>
<td>Filtration and Membrane Technology and Optimization</td>
<td>July TBA</td>
<td>Birmingham, AL</td>
<td>Roberts Filter Group</td>
</tr>
<tr>
<td>Water Demand and Conservation Management</td>
<td>August TBA</td>
<td>Montgomery, AL</td>
<td>AWWA</td>
</tr>
</tbody>
</table>

Please RSVP three business days prior to each event.

---

Contact Diane Bailey at 256-238-1241 or dbailey@awwsb.org to order a cookbook. $10 each. Proceeds benefit Water For People.
EDUCATIONAL SEMINARS
REDUCING POWER COSTS FOR WATER DISTRIBUTION PUMPING SYSTEMS

Mr. Don Casada, Diagnostic Solutions, LLC

MISSISSIPPI
Wednesday May 14, 2008
Hilton Garden Inn - Tupelo, MS
8:30am to 4:00pm – Registration Begins at 8:00am
CEUs/PDHs Will Be Provided
Admission is Free For Section Members;
$45 For Non-Members
Lunch Will Be Provided by the Section

Please Contact Hugh Smith
(Mississippi Educational Co-Chair)
(601) 484-6835 or hughsmith@meridianms.org
with questions or to register.

Hilton Garden Inn & BancorpSouth
Conference Center
387 East Main Street
Tupelo, MS 38804
(662) 718-5555

ALABAMA
Thursday, June 5, 2008
Holiday Inn - Madison, Alabama
9:00am to 2:00pm – Registration Begins at 8:30am
CEUs/PDHs Will be Provided
Admission is Free For Section Members;
$45 For Non-Members
Lunch Will Be Provided by the Section

Please Contact Mark Smith
(Alabama Educational Co-Chair)
(205) 987-7411 or mark_smith@KrebsAE.com
with questions or to register.

Holiday Inn
9035 Madison Blvd
Madison, AL 35758
(256) 772-7170

This one-day seminar for utility managers, operators, consultants, and other water industry professionals will provide the information needed to assess potential energy savings in water distribution pumping systems. The seminar will include the following:

• Overview of water pumping systems
• Overview of pump and motor performance characteristics
• Overview of ASD performance
• Introduction to software and other tools used for measuring performance
• Examples to compare design performance vs. actual field performance

Please RSVP three business days prior to each event.
In January the 2008 AWWA Planning Committee visited the Renaissance hotel for a sneak peak. We are very excited to be hosting the annual conference at this new venue.

Montgomery Renaissance Hotel and Spa
800-593-6429

Hotel Reservations must be made directly with the hotel. Tell reservations you are attending the American Water Works Association Conference. Room Rate is $129.00 for standard guest accommodations. Hotel reservations must be made by September 3, 2008 and cancellations must be made 48 hours prior to arrival date.

The hotel contains 140,000 square feet of meeting, exhibit and pre-function space.

View from one side of the hotel.

Montgomery Renaissance Hotel and Spa
800-593-6429

Hotel Reservations must be made directly with the hotel. Tell reservations you are attending the American Water Works Association Conference. Room Rate is $129.00 for standard guest accommodations. Hotel reservations must be made by September 3, 2008 and cancellations must be made 48 hours prior to arrival date.

The hotel contains 140,000 square feet of meeting, exhibit and pre-function space.

View from one side of the hotel.
The AL/MS Section of the American Water Works Association is in the process of preparing this year’s technical program. The 2008 Program will include technical presentations and hands-on product displays and any topic of interest relevant to the drinking water industry is appropriate. Space will be available for hands-on product displays in the Exhibit Hall. Presentations and product displays should be approximately 35 minutes in length followed by 5-10 minutes of discussion on the topic. Presentation abstracts should include the title and a detailed description of the topic. The general categories for presentations are Water Resources, Water System Security, Water System Construction, Operations/Management, Surface Water, Groundwater, Distribution System, and Emerging/New Technologies. The deadline for submittal of Abstracts has been extended to June 1, 2008.

Presentations and product displays with the greatest potential interest will be selected. Criteria for selection of a presentation include:

- Originality
- Significance of Work
- Technical Content
- Relevance to Drinking Water
- Innovative
- Audience Range
- Case Studies
- Real Life Experience

**SUBMISSION PROCESS EXTENDED TIME LINE**

<table>
<thead>
<tr>
<th>June 1, 2008</th>
<th>July 1, 2008</th>
<th>August 15, 2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submit Abstracts to Program Chair.</td>
<td>Topics Will Be Selected and Presenters Will Be Notified.</td>
<td>Submit Presentations to Program Chair in Digital Format.</td>
</tr>
</tbody>
</table>

Please contact Chris Griffin - Program Chair, or Harry Gong - Assistant to Chair, with questions or for submission of abstracts at:

**Chris Griffin, P.E.**
CH2M HILL
4121 Carmichael Road, Suite 400
Montgomery, AL 36106
Tel. (334) 215-9025
Fax (334) 273-7517
Chris.Griffin@ch2m.com

**Harry Gong, P.E.**
MSDH-Division of Water
P.O. Box 1700
Jackson, MS 39215
Tel. (601) 576-7518
Fax (601) 576-7974
hgong@msdh.state.ms.us
# ALABAMA/MISSISSIPPI SECTION

AMERICAN WATERWORKS ASSOCIATION

2008 ANNUAL CONFERENCE

OCTOBER 5-7, 2008 – Montgomery Renaissance Hotel and Spa
Montgomery, Alabama

## REGISTRATION FORM

Please complete and return to AL/MS AWWA, c/o David Stejskal, CH2M HILL, 4121 Carmichael Road, Suite 400, Montgomery, AL 36106

Make Check Payable To: “AL/MS Section AWWA”

| Name: ____________________________ | Name/Nickname for Badge: ____________________________ |
| Spouse’s Name: ____________________ | Name/Nickname for Badge: ____________________________ |
| Firm/Municipality/Organization: __________________ | Address: ________________________________ |
| City: ____________________ | State: __________________ | Zip: ___________ | Phone: ________________________________ |
| Date: __________________ | AWWA Membership Number: __________________ | E-mail Address: ________________________________ |

Is this your first time attending the Alabama–Mississippi Section AWWA conference? __________ Spouse’s __________

<table>
<thead>
<tr>
<th><strong>Lifetime Member (Includes spouse registration)</strong></th>
<th><strong>AWWA Member (Utility, Government)</strong></th>
<th><strong>AWWA Member (Manufacturer, Supplier, Consultant, Contractor)</strong></th>
<th><strong>Non-member (Includes a 1 year membership to AWWA)</strong></th>
<th><strong>Non-member (Does Not Include a 1 year membership to AWWA)</strong></th>
<th><strong>Spouse</strong></th>
<th><strong>Golf Tournament Registration (Attach Golf form to this Registration)</strong></th>
<th><strong>Golf Tournament Hole Sponsorship (Attach Golf form to this Registration)</strong></th>
<th><strong>Exhibitors Registration (Includes one registration and 10’ x 10’ booth)</strong></th>
<th><strong>Exhibitors - Additional Conjoining 10’ x 10’ booth</strong></th>
<th><strong>Conference Sponsorship Donation</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
<td><strong>Before Sept. 3, 2008</strong></td>
<td><strong>After Sept. 3, 2008</strong></td>
<td><strong>Total Amount</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------</td>
<td>----------------</td>
<td>------------------------------------------------</td>
<td>------------------------------------------------</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lifetime Member (Includes spouse registration)</td>
<td>$150.00</td>
<td>$150.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AWWA Member (Utility, Government)</td>
<td>$250.00</td>
<td>$300.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AWWA Member (Manufacturer, Supplier, Consultant, Contractor)</td>
<td>$300.00</td>
<td>$350.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-member (Includes a 1 year membership to AWWA)</td>
<td>$475.00</td>
<td>$525.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-member (Does Not Include a 1 year membership to AWWA)</td>
<td>$400.00</td>
<td>$450.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spouse</td>
<td>$100.00</td>
<td>$120.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Golf Tournament Registration (Attach Golf form to this Registration)</td>
<td>$100.00</td>
<td>$100.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Golf Tournament Hole Sponsorship (Attach Golf form to this Registration)</td>
<td>$200.00</td>
<td>$200.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exhibitors Registration (Includes one registration and 10’ x 10’ booth)</td>
<td>$700.00</td>
<td>$750.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exhibitors - Additional Conjoining 10’ x 10’ booth</td>
<td>$400.00</td>
<td>$450.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conference Sponsorship Donation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Amount Enclosed**

Conference registration cancellations after September 19, 2008 are not refundable, but substitutions are accepted.

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

Master Card □ Visa □

Credit Card Number: ____________________________ | Expiration Date: ____________________________ |

Signature: ____________________________

If you have any questions, please contact David Stejskal 334-215-9054, 334-273-7582 (Fax), David.Stejskal@ch2m.com. Hotel Reservations must be made directly with the Montgomery Renaissance Hotel and Spa No. 800-593-6429. Tell reservations you are attending the American Water Works Association Conference. Room Rate is $129.00 for Standard Guest Accommodations. **Hotel reservations must be made by September 3, 2008 and cancellations must be made 48 hours prior to arrival date.**
KICKING FLAMES
AND TAKING NAMES

They’re not sexy. They’re not glamorous. And frankly, they don’t want to be. They just want to fight fires whenever and wherever they might strike. They’ll sit patiently through decades of Arizona summers or Colorado winters waiting for America’s firefighters to come calling. And when they pull up, sirens blaring, you can rest assured your M&H hydrant will be ready.

M&H HYDRANTS. BUILT TO LAST. BUILT TO FIGHT.
Put a LOCK on it!

The Captivater™
Locking Fire Hydrant Cap protects YOUR hydrants.

The Captivater prevents unauthorized hydrant use, eliminates water theft and waste, reduces hydrant vandalism, and lowers operation costs. Its universal design fits EVERY hydrant from EVERY manufacturer, regardless of year or model.

Now it’s EASY to secure your water supply!

The Captivater is exclusively available from American Flow Control.

American Flow Control
“It’s what we know”

For more information please contact your AFC distributor. Please visit http://www.acipco.com/afc/sales/distributor.cfm

Complete Groundwater Supply Services
Layne-Central • Alabama: 800-356-3824 • Mississippi: 800-844-4312 • www.laynechristensen.com
WATER WORKS BRASS AND PIPELINE PRODUCTS

THE FORD METER BOX COMPANY, INC.
Wabash, Indiana • Pell City, Alabama
260-563-3171 • FAX: 800-826-3487

When you’re looking for high-quality ductile iron pipe and fittings in a wide range of sizes, check out what we have to offer at American Ductile Iron Pipe.

Local AMERICAN District Sales Office:
Birmingham, AL    (205) 307-2800

At AMERICAN, all of our pipe is hydrostatically tested and consistently exceeds AWWA ductile iron pipe standards. So before you begin your next project, turn to a company that delivers. Call AMERICAN.

AMERICAN DUCTILE IRON PIPE
www.acipco.com

A Division of ACIPCO, P.O. Box 2727, Birmingham, AL 35202, Customer Service: 1 800 442-ADIP (2347), FAX 1 800 442-2346, An Equal Employment Opportunity/Affirmative Action Employer.
Professional Directory

Allen & Hoshall

James C. Nelson, PE

713 South Pearl Orchard Road, Suite 100
Ridgeland, Mississippi 39157
Office 601.977.8999 Fax 601.977.8924
Cell 601.750.0592
jnelson@allen-hoshall.com

H. Ed Coleman
President

Mid-South Water & Machine Works, LLC

1420 S. Davis Avenue
Cleveland, MS 38732
Phone: (662) 843-4076
Fax: (662) 843-1717

(Well, Pumps & Supplies)
Email: coleman@midsouthwater.com

We Build Award-Winning Tanks
Focused • Competitive • Local
Results Second to None

www.CBI.com

3600 Mansell Road, Suite 230
Alpharetta, GA 30022
Tel: +1 678 935 3650
Toll Free: +1 800 543 2038

listen. think. deliver.

Montgomery, Alabama
(334) 271-1444
Birmingham, Alabama
(205) 326-8912
Huntsville, Alabama
(256) 880-9581
Navarre, Florida
(850) 939-8300
New Orleans, Louisiana
(504) 593-9421

KREBS ENGINEERING
www.krebsAE.com

MGW

LOWERY ENVIRONMENTAL ENGINEERING

“Specializing in Solutions for Drinking Water from the Source to the Tap.”

Keith Lowery, P.E.

7713 Haleyon Forest Trail
Montgomery, AL 36117
E-mail: klowery@knelogy.net
Cell: 334.224.0697
Home: 334.356.1881

CH2M HILL

Montgomery, Alabama
(334) 271-1444
Birmingham, Alabama
(205) 326-8912
Huntsville, Alabama
(256) 880-9581
Navarre, Florida
(850) 939-8300
New Orleans, Louisiana
(504) 593-9421

PIPELINE
April 2008 • 23
Employment Announcement

Decatur Utilities has Grade IV Wastewater Plant Operator Opening

This position operates and monitors wastewater treatment equipment at the Wastewater Treatment facility located at 902 Wilson Street in Decatur, Alabama. Requires High School or GED equivalent and Grade IV Plant Operator Certification from ADEM. Plant Operators are required to adhere to operations and safety guidelines approved by ADEM and EPA.

Work schedules include 12 hour shifts rotating from nights to days every 90 days. Hourly pay rate for certified operators range from $18.50 to $22.50 based on years of operating experience at a Grade IV level facility. Shift premium of 45 cents per hour paid for 12 hour night shift work. Uniforms provided.

For more information about our employment application process visit our website at www.decaturutilities.com and click on JOBS.

Decatur Utilities is an Equal Employment Opportunity Employer.

Employment Announcement

Water & Wastewater Board of the City of Madison

Civil Engineer

The Water & Wastewater Board is seeking applications for the position of Civil Engineer. This position requires a Bachelor’s degree (B.S.) in Civil Engineering from a four-year college or university with a minimum of 5 years engineering experience with water and wastewater utility systems. The individual will direct, coordinate and plan engineering projects within area of assigned responsibility by performing duties personally or through contract engineering work group. Scope of work includes all phases of civil engineering including, but limited to, product quality, system planning, modeling and coordination, equipment and material specifications and construction standards. This position offers an excellent salary and benefits package.

This position is open until filled. Interested individuals may contact the Water & Wastewater Board of the City of Madison HR Department at (256) 258-2020 in order to obtain an application. Applications may be mailed directly to:

Water & Wastewater Board of the City of Madison
101 Ray Sanderson Drive
Madison, AL 35758

The Water & Wastewater Board of the City of Madison is an Equal Opportunity Employer and a drug free work place.
PRESTRESSED CONCRETE TANKS

Designed and Built To Be Virtually Maintenance-Free Generation After Generation.

Just Add Water,
Year,
After Year,
After Year!

1.5 MG POTABLE WATER STORAGE TANK
Water Works Board of
The City of Fort Payne, Alabama
ADL, INC.

Or if you prefer,
Just Add Wastewater!

3.2 MG ELONGATED AERATION TANK &
TWO-0.6 MG CLARIFIER TANKS
Shortfork WWTP - Desoto County, Mississippi
ARMY CORP OF ENGINEERS, MEMPHIS DISTRICT
WAGGONER ENGINEERING, INC.
ENGINEERING ASSOCIATES, INC.

HIGH QUALITY • LONG LIFE

Over 3400 Tanks Built since 1953

THE CROM CORPORATION
Builders of Water and Wastewater Tanks
250 S.W. 36TH TERRACE • GAINESVILLE, FL 32607
PHONE: (352) 372-3436 • FAX: (352) 372-6209 • www.cromcorp.com
ELECTRO MECHANICAL TREATMENTS, 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