2012 Conference
– Dare to Care

Mobile, Alabama • October 14-16, 2012

INSIDE

• Contaminant Monitoring Under UCMR3 – Part 2
• Member Update
• News & Notes
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PIPELINE is a publication of the Alabama/Mississippi Section of the American Water Works Association. PIPELINE is mailed to all members of the 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 through the AWWA. Current circulation is over 2,800. Articles and photographs are encouraged and appreciated. All submissions, comments, or other matters concerning this publication should be directed to:

AWWA PIPELINE
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As our days get shorter in 2012, so does the time before we convene once again for our Annual Conference in October.

Now is the time to make your plans and register to attend our 65th Annual Conference, taking place, October 14-16. This year’s conference is at the beautiful Renaissance Riverview Plaza Hotel in historic downtown Mobile, Alabama, marking our first trip back to Mobile in over 20 years. A lot has changed here since then. I am certain you will enjoy the history, quaint shops, galleries and ambiance of our port city here in Alabama as well as an educational and entertaining conference.

Our theme for 2012 has been ‘Dare to Care’, and with that goal in mind an outstanding program has been carefully planned by our Conference Planning Committee with something for everyone, including:

- Technical Sessions (w/PDH credits)
- Numerous competition events
- Regulatory Update
- Excellent spouses program
- Water For People Golf Tournament
- Great food & entertainment
- Tour of Mobile’s Moffett Road WTP
- Opportunities to network
- Exhibits from Manufacturers, Consultants & Reps

Join us on Sunday afternoon for either the WFP golf tournament or tour MAWSS’ historic Moffett Road WTP, followed by a meet & greet in the exhibits hall. We will culminate the evening with a festive Mardi Gras parade down Government Street to the Mobile Carnival Museum to dine, relax to live music and explore details of the birthplace and history of Mardi Gras in America. You will not want to miss our competitions, including pipe tapping, meter madness and a Top Ops demonstration. Our YPs will be conducting our Section’s Water Taste Test competition, a new Top Tank photo contest, and a dart throwing competition benefitting WFP. Our spouses have a full and enjoyable program planned and we will wrap up the conference Tuesday evening with our banquet with entertainment you will remember forever by multi-talented Dan Clark, recognized as one of the top ten speakers in the ‘world.’ Check him out at www.danclarkspeak.com.

Take a complete look at our program schedule on-line. Go to www.almsawwa.org and click on 2012 Annual Conference for registration and hotel reservation information. We look forward to our time together in Mobile with you October 14-16, 2012.

On another note, I hope you enjoy this second issue of our recently revamped Pipeline magazine. Harry Gong and our Communications Committee have done a great job enhancing and expanding our publication with the goal of keeping you informed on newsworthy issues and events in our Section and beyond.
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Another year in my service as an AWWA Director has passed by which means another Annual AWWA Conference has concluded. This year’s Annual Conference was held in Dallas, Texas. I did not ever hear the final attendance figures, but from my view it was reasonably well-attended. And, as usual, the exhibit area was very impressive.

I want to specifically highlight and congratulate the teams from Birmingham Water Works that represented the Alabama/Mississippi Section at the 2012 AWWA Competitions. They continued their winning tradition and won first place in both the Top Ops competition and the Tapping contest. Congratulations and well done. Our Section is extremely proud of you and your dedication to being the best.

Prior to the conference, the AWWA Board of Directors met on June 9-10, 2012. A number of transactional items were acted upon, but I wanted to highlight a few items that may be of interest as follows:

- **AWWA Specialty Conferences.** In 2010, AWWA began its Program Analysis evaluations. As a result, various programs are evaluated and ranked based on specific criteria. Those programs/activities that fall in the bottom third of the ranking are given further evaluation to determine the ultimate viability to the Association. As a result, the following actions were taken regarding certain specialty conferences:
  - Customer Service Conference – Sunset the conference and deliver the knowledge content through alternative means
  - Information Management Technology Conference – Sunset the conference and deliver the knowledge content through alternative means
  - Distribution System Symposium and Water Security and Emergency Preparedness Conferences – Fund these conferences in 2013 contingent upon 2012 results being similar to 2011.

- **Quality Programs.** Similar to the specialty conferences, an Ad Hoc Committee was formed to evaluate AWWA’s Quality Management Programs. These programs were not highly ranked as part of the Program Analysis. Based on the recommendations of this Ad Hoc Committee, the Board took the following action on these quality programs:
  - Partnership for Safe Water – Continue developing a hosting agreement with AWWA.
  - QualServe – Sunset this program and investigate if the Qualserve tools can be integrated with the Partnership for Safe Water.
  - Benchmarking – Develop the benchmarking tool into a subscription-based model.
  - Utility Quality Management Committee – Continue at current budget levels to perform various functions under either the Standards Council or the Technical and Educational Council.

- **2012 Budget Status.** Lee Roberts presented the Treasurer’s report. The current projections for 2012 are that AWWA will be slightly down in revenue compared to the plan for 2012. The largest negative variances to plan are in Advertising and Conference and Exhibit Income. Membership Dues revenue is also projected to be slightly down from plan at year-end. Expenses are being appropriately controlled so that overall net income is being projected to be essentially on-plan at year-end. Our Association continues to adapt to the changing world and tough economic climate.

A continuing overtone at the Board of Directors meeting is the increasing emphasis on our collaboration and partnering with other associations that share a common interest with AWWA. You can expect to see an increase in this sort of activity in the future. One example of this was AWWA’s collaboration with WEF on the Washington Fly-In this past year. This event continues to be recognized as a valuable activity for our members.

I hope you are making plans to attend the Alabama/Mississippi Section’s annual conference in Mobile, Alabama this coming October. And, as always, if you have any questions or comments, please do not hesitate to contact me.

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Since the Water Matters Fly-In in Washington, D.C. a few months back, your legislative committee has also been busy with our congressmen on matters of State & National legislation that affect our industry. All Section membership were invited recently to contact their respective Senators relative to an amendment to the Farm Bill that, if passed could lead the way to saving our medium and large utilities hefty annual expenditures. I’m talking about the regulatory requirement for many utilities above a certain size to mail to each customer their CCR (Consumer Confidence Report), whether violations have occurred or not.*

In general, the U.S. Senate began floor debate on comprehensive legislation on June 19th setting agricultural policy for the next five years, commonly called the Farm Bill. Sen. Pat Toomey of Pennsylvania offered a bipartisan amendment (SA-2247) that would have allowed drinking water utilities to post their annual Consumer Confidence Reports on-line. They would have to notify customers where to find the CCR’s in the same manner as the customer has elected to receive his or her water bill. This on-line posting would be allowed only if the utility had no violations of maximum contaminant levels in the previous year. The logic here is that since rural water infrastructure projects are routinely funded under the rural development programs of the Department of Agriculture, Congress should strive to reduce the regulatory and paperwork burdens placed on community water systems ... not to mention monetary demands. The Administrator of the Environmental Protection Agency would have been directed to promulgate any revised regulations and taken any other actions necessary to carry out the amendments made by this section not later than 90 days after the date of an enactment of this Act.

On the next day, some Senate staffers circulated (perhaps unknowingly) a very misleading description of the Toomey amendment on Consumer Confidence Reports. In order to refute this, AWWA in turn sent a note to every Senate agricultural aide in order to separate myth from fact. This fact sheet is available to you via the Section upon request.

All information was provided to us by Tommy Holmes, Legislative Director with AWWA in Washington in time for us to send out to you who accept e-mail notifications about the need to contact your respective Senators. Finally getting to the floor on June 21, Tommy then reported that the amendment offered by Sen. Toomey to allow posting of CCR’s on the Internet failed by two votes, 58-41. The amendment needed 60 votes to pass. Tommy heard that six senators switched their votes from “aye” to “nay” in the waning minutes of the vote to defeat the amendment. You’ll be happy to know, however, that all our MS & AL Senators, already on top of the subject from common sense & our past visits voted “AYE”! Thanks to all our AWWA members who made calls relative to this debate. Enough votes were gathered for another GO on this in the future.

Speaking of the future, how about October 14? Mobile, Mobile .. what a great Coastal town (Loretta, My GPS Lady; pronounces it ‘Mob’l’ as in ‘mobile’ phone). It was the first to hold Mardi Gras’ celebrations, Jimmy Buffet grew up here after moving from Pascagoula; Hank Aaron, Leroy ‘Satchel’ Paige & Ozzie Smith, all of terrific baseball fame – and of course, actors, actresses, musicians & novelists too numerous to mention were born here. There is plenty to do there as well, so get ready to enjoy October’s Annual Meeting of the Alabama-Mississippi section of the American Water Works Association! Jim, Suzie & the 2012 Planning Committee have been hard at work this year to ensure you are kept both well-informed and entertained at this year’s event and to further assure you won’t be ** “Stuck down in Mobile with the Memphis Blues Again. (Bob Dylan cr. 1966).**

Best Regards, Ken

* Members who wish to receive notifications of Section interest must indicate so by contacting me at almsawwa@cableone.net

** Cynthia says I quote Dylan’s poetry too often; heck, I don’t even understand it!”
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PAST CHAIR: Hunter Arnold
VICE-CHAIR: Hugh Smith
DIRECTOR: Tom Walters
SECRETARY/TREASURER: Amy McLeod
TRUSTEE-AT-LARGE ALABAMA: David Stejskal
TRUSTEE-AT-LARGE MISSISSIPPI: Sam Agnew
SECTION MANAGER: Ken McCool

Front Row: David Stejskal, Jim Watterson, Hugh Smith, Amy McLeod
Back Row: Hunter Arnold, Sam Agnew, Tom Walters

2012 COMMITTEE MEMBERS

Program Chair: Jason Carter
Program – Assistant to Chair: Drusilla Hudson
Entertainment: Chuck Lott
Exhibits: Matt McDougald
Exhibits – Assistant to Chair: Phillip Gibson
MAC Chair: Chris Griffin
MAC – Assistant to Chair: Rob Coleman
Registration: Jim Ballintine
Registration – Assistant to Chair: Becky Parker
Competitions: Jeff Standridge
Competitions – Assistant to Chair: Danny Lyndall
Membership: Brian Shelton
Education – AL Co-Chair: Hercy Golson
Education – MS Co-Chair: Calvin Russell
Media, Communications, & Pipeline: Harry Gong
Time & Place: Sam McElroy
Time & Place – Assistant to Chair: David Stejskal
Resolutions: Blake Jeffcoat
Governmental Affairs – MS Co-Chair: Mark Snow
Governmental Affairs – AL Co-Chair: Les Brown
Audit: Hugh Smith

Young Professionals AL: Nick Freeman
Young Professionals MS: Matthew Horton
Water For People: Sonny Jones
Water For People – Assistant to Chair: Mike Todd
Nominations: Hunter Arnold
Awards & Safety Chair: Shannon Bailey-Partlow
Memorial Scholarship: Jim Miller
Fuller Award: Chuck Lott
Strategic Planning: Jim Miller
AWWA National Contact: Christopher McGinness

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– Dare to Care
Mobile, Alabama • October 14-16, 2012

For more information and up to date information on all of the activities for the 65th Annual Conference, please visit the Section’s website at www.almsawwa.org
ALMS AWWA - 2012 Conference Agenda

Sunday, October 14, 2012
8:00 am - 2:00 pm     Exhibits Setup
9:00 am - 6:00 pm     Registration – Registration Desk (Jubilee Suite)
11:00 am - 5:00 pm    Water For People Golf Tournament
2:00 pm - 4:30 pm     MAWSS WTP Tour (limited to 40)
5:30 pm - 6:30 pm     Wine and Cheese Reception - Exhibits Area
6:30 pm - 9:00 pm     Parade, Reception & Dinner – Mobile Carnival Museum
(Begin Parade at Hotel Concourse)

Monday, October 15, 2012
6:30 am - 8:00 am     Breakfast Buffet
7:00 am - 4:00 pm     Registration – Registration Desk (Jubilee Suite)
8:00 am - 10:00 am    Opening Session (Bon Secour)
Welcoming Address – Honorable Mayor Samuel Jones
AWWA National Official – Mark Cline, AWWA V.P.
And Daphne Utility’s General Manager – Rob McElroy
10:00 am - 10:15 am   Break
10:00 am - 5:00 pm    Exhibits Open
10:15 am - 11:15 am   Annual Business Meeting (Bon Secour)
11:15 am - 12:00 pm   Motivational Speaker (Bon Secour)
12:00 pm - 1:30 pm    Strolling lunch and YP Taste Test (Exhibits Area)
1:30 pm - 3:00 pm     Technical Sessions (3 concurrent)
3:00 pm - 3:15 pm     Break
3:15 pm - 5:00 pm     Technical Sessions (3 concurrent)
5:00 pm - 6:00 pm     YP Water For People Dart Competition Finals
6:00 pm - 7:00 pm     YP Social
Note: No scheduled activities for Monday night. On your own for dinner.

Tuesday, October 16, 2012
6:30 am - 8:00 am     Breakfast Buffet
7:00 am - 10:30 am    Registration – Registration Desk (Jubilee Suite)
8:00 am - 10:15 am    Technical Sessions (3 concurrent)
8:00 am - 12:00 pm    Exhibit Hall Open
10:15 am - 10:30 am   Break
10:30 am - 12:00 pm   Technical Sessions (3 concurrent)
12:00 pm - 1:30 pm    Joint Luncheon – Sponsor Recognition (Bon Secour)
1:30 pm - 3:00 pm     Technical Sessions (1 Session Only)
1:30 pm - 4:15 pm     Pipe Tapping & Meter Madness Competition (Hotel Concourse)
3:00 pm - 3:15 pm     Break- Ice Cream Social
3:15 pm - 5:00 pm     Technical Sessions (1 Session Only)
4:15 pm - 5:00 pm     Top Ops Demonstration
6:00 pm - 7:00 pm     Reception (Bon Secour Pre-Convene)
7:00 pm - 9:00 pm     Awards Banquet and Entertainment (Bon Secour)
AWWA National Representative

Mark Cline
Vice-President (2012-2013)
American Water Works Association

Mark Cline is the Capital Projects Officer of Charleston Water System in Charleston, South Carolina. He began his career in the water and wastewater field in 1982 in the City of Albemarle, NC where he worked as the City Engineer before moving on to Charleston Water System (CWS) in 1984. Mark has served in multiple roles with CWS during his 28 year career there: Engineer, Engineering Manager, Water Plant Engineer, Water Plant Superintendent, and Director of Design and Construction. In his current capacity as Capital Projects Officer, he has oversight responsibility for the Engineering, Construction, and GIS departments, and he is responsible for the company's capital improvements programs. A 1981 civil engineering graduate of North Carolina State University, Mark is a licensed professional engineer in South Carolina and North Carolina, and he holds a South Carolina “A” Water Treatment Plant Operator license.

Mark joined AWWA in 1986 and quickly became active at the Section level. He has been recognized for his contributions and volunteer service as recipient of the South Carolina Section Herman F. Wiedeman Award in 2009 and the George Warren Fuller Award in 2008.

Mark lives in Goose Creek, South Carolina with his wife Pam. They have one daughter, Madelyn.

Book your rooms for the Conference

Hurry and put in your reservations to stay at the Renaissance Mobile Riverview Plaza Hotel for the 65th Annual AL-MS Section of the AWWA Conference. A block room rate of $129 per night plus tax has been setup. To reserve your room, please call 1-800-468-3571 and tell reservations that you are attending the Alabama/Mississippi Section of the American Water Works Association Conference or give them the Group Code worwora. If you prefer to make reservations online, please visit their website (http://www.marriott.com/hotels/travel/mobrv-renaissance-mobile-riverview-plaza-hotel). Hurry, this rate expires on September 21, 2012.

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

Are you a Young Professional (age 35 or younger)? ___________ Spouse’s E-mail Address (if registered): ___________________________

Are You/Spouse planning to attend Sunday’s dinner? ___________ Are You/Spouse planning to attend Tuesday’s dinner? ___________

Spouse ONLY, will you ride the bus to Fairhope on Monday? _______ Spouse ONLY will you eat lunch in Fairhope on Monday? _______

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

<table>
<thead>
<tr>
<th>Lifetime Member</th>
<th>Quantity</th>
<th>Before Sept. 1, 2012</th>
<th>After Sept. 1, 2012</th>
<th>Total Amount</th>
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<td>AWWA Member (Utility, Government)</td>
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<td>AWWA Member (Manufacturer, Supplier, Consultant, Contractor)</td>
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<td>Golf Tournament Hole Sponsorship (includes Hole Signage) (Complete Golf registration form)</td>
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<td>Golf Tournament Sponsor (includes 1 Team of 4, 4 Mulligan’s, 1 Hole Sign, Plaque, Sponsor Name/Logo on board) (Complete Golf registration form)</td>
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<td>Golf Tournament Lunch Sponsor (includes 1 Hole Sign, Plaque, Sponsor Name/Logo on sponsorship board)</td>
<td>$400.00</td>
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<td>Attend Mobile Water Treatment Plant Tour Sunday Afternoon at 2 pm.</td>
<td>$ 5.00</td>
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<td>Exhibitors Registration (Includes ONLY one registration and 10’x 10’ booth)</td>
<td>$750.00</td>
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<td><em><strong>Additional exhibitor must register separately</strong></em></td>
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<tr>
<td>Additional Exhibitor Registration (to be used in conjunction with Exhibitor Registration)</td>
<td>$275.00</td>
<td>$325.00</td>
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<td>First Time Young Professional (age 35 or younger only) Includes Monday only Pass for all activities</td>
<td>$ 40.00</td>
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<td>Conference Sponsorship Donation (Platinum $2,500, Gold $1,500, Silver $750, Bronze $250)</td>
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Total Amount Enclosed

Conference registration cancellations after September 1, 2012 are not refundable, but substitutions are accepted.

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The curriculum is designed to train everybody in the water/wastewater industry including:
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- Water & Sewer System, and Public Works Divisions
- City Managers
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- Councilmen

To learn more or to register directly for this course visit: www.nace.org/wateronline
Dear AWWA spouses,

I would like to invite all of you to attend the AL/MS AWWA Conference in October. We will be hosting it in Mobile, AL this year at the Renaissance Hotel. It has been many years since Mobile has been the conference site. It is a beautiful city with much to offer including close proximity to the Alabama coast and being the birthplace of Mardi Gras.

Our committee has been working hard to plan some exciting activities for the spouses. We hope you will consider attending and taking part in them with us. Since Mobile is well known for Mardi Gras we will be carrying that theme throughout the conference. So bring your beads and masks and enjoy the festivities. If you do not have any, no worries, we will provide some for you.

Our festivities will begin on Sunday evening with a true Mardi Gras experience. We will meet in the courtyard in front of the Renaissance and march in parade style behind the Excelsior Band to the Mobile Carnival Museum a couple of blocks away. You will need to wear your beads and masks and the ladies will receive an umbrella to carry and twirl in true Mardi Gras fashion. We will enjoy the evening at the museum with food and drink stations throughout and, weather permitting, spilling outside into the beautiful park. You will be able to tour the museum at your leisure viewing the beautiful Mardi Gras gowns and attire and learning some history of Mobile Mardi Gras. The Excelsior Band will be playing throughout the evening to keep you in the Mardi Gras spirit. For those who are unable to walk in our parade and would rather drive the museum has ample parking.

Plan on attending our Monday shopping excursion to the beautiful town of Fairhope on the Eastern Shore. We will board a bus or buses at the Renaissance at 8:30 and leave at 9:00. We will arrive in Fairhope between 9:30-10:00. You will be able to shop for a few hours and then meet all of us for lunch at the historic Fairhope Inn at 12:00. After lunch we will board the bus and return to the Renaissance. We should be back between 2-3:00. If you would like more shopping time you may want to take your own vehicle.

As always, on Tuesday morning we will enjoy our annual Bingo at 9:00. We always have great prizes and lots of fun. Plan on being there.

Plan on staying for the banquet on Tuesday evening. This year it will be called the ‘Mardi Gras Moonpie Madness Banquet.’ Bring something Mardi Gras casual to wear to this event. Mardi Gras colors are purple, green, and gold with a little ‘bling.’ Save your beads and masks from the Sunday night event to wear again. We will have the world-renowned speaker, Dan Clark to entertain us for the evening so plan on being with us.

I hope you enjoy your summer and look forward to seeing all of you in Mobile in October!

Suzie Watterson
Alabama/Mississippi Section American Water Works Association

“2012 Water For People” Golf Tournament

REGISTRATION for WFP TOURNAMENT ONLY*

Where: Rock Creek Golf Course
       Fairhope, Alabama

When: Shotgun start at 11:00 a.m. on 10/14/2012
       Registration/Practice begins at 9:00 am
       Lunch will be served on the turn around
       Awards program following at the Joint Sponsor Luncheon on Tuesday

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.almsawwa.org) and in the quarterly magazine, Pipeline.

For sponsorship opportunities, please contact Sonny Jones at sonny.jones@BWWB.org or Mike Todd at mtodd@Etec-sales.com

Help make this year’s tournament a success!

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☐ Tournament Lunch Sponsor ($400) - 4 mulligans, hole signage, plaque, name/logo on board
☐ Hole Sponsor ($200) - includes recognition sign at tee box or green
☐ Door Prize (Misc Value) - donations Item ____________________________________________

PAYMENT INFORMATION

*You can register online for the Conference and the tournament on one form using a credit card at www.almsawwa.org

If registering through the mail, complete & return form to:
AL-MS AWWA Golf Tournament | Attn: Sonny Jones | 3600 1st Avenue North | Birmingham, AL 35222

If you have questions, please contact: Sonny Jones, (205) 244-4000 or sonny.jones@BWWB.org

Click here to return to Table of Contents
In an effort to keep public water supplies safe, the U.S. Environmental Protection Agency (EPA) uses the Unregulated Contaminant Monitoring (UCM) Program to collect data for contaminants suspected to be present in drinking water but that do not have health based standards set under the Safe Drinking Water Act (SDWA). Every five years, thirty contaminants are selected for monitoring by public water systems to gather data that will help EPA determine which, if any, of the contaminants need to be regulated.

In the Spring 2012 edition of Pipeline, UCMR3 proposed regulations were published. This article will address testing, schedules, constituents and major changes from the proposed rule to the final rule published May 2, 2012. The final rule came into effect on June 1, 2012.

What are the major revisions from Proposed to Final ruling?

- **Data elements**: In the proposed ruling, the requirement was to report the zip codes for each sampling point. In the final ruling, the EPA is requiring zip codes to be reported for only the customers served.

- **Reporting Schedule**: Many comments were received based on the proposed shortened time frame (60 days for labs; 30 days for Public Water Systems (PWS) to review and report the results). The comments pointed to the fact that these methods are not conventional, and therefore will take more time to review to ensure accuracy of the results. For this reason, the EPA has revised the reporting time schedules to be more in line with UCMR 1 & 2, that is, 120 days for the laboratory to report data and 60 days for the PWS to report to EPA.

- **Analytes to be Monitored**:
  - **Assessment Monitoring: List 1**: The EPA evaluated comments received on the contaminant listings and the group for which these contaminants will be assigned. Based on feedback, EPA added Hexavalent Chromium (Cr+6) and total Chromium to the Assessment Monitoring list. This will give the EPA information on the possible relationship between these two Chromium species. The EPA removed the contaminants, sec-butylbenzene and n-propylbenzene, since these are non-carcinogenic and historical data indicated very low rates of detection of these analytes in drinking water.
  - ** Screening Survey – List 2**: The hormones were moved to the Screening Survey, or List 2, based on concerns of insufficient laboratory capacity. Since fewer PWS’s are required to monitor for List 2, this will alleviate laboratory capacity concerns.

- **Inventory and Scheduling**: By October 1, 2012, large systems must report to the EPA their inventory and sampling location information and any proposed changes to their monitoring schedule.

- **DSMRT sample locations**: The EPA revised the requirement for the Stage 1 Disinfection By-Product (DBP) rule for the Distribution System Maximum Residence Time (DSMRT). The EPA only requires DSMRT sampling to take place at an active point in the distribution system that represents the longest residence time in relation to the Entry Point to the Distribution...
System (EPTDS). Any system under the Stage 2 DBP rule should use the sampling point with the highest Total Trihalomethanes (TTHM) value as the DSMRT sample location(s) for each EPTDS. This is only applicable to the metals and chlorate testing.

- **General rescheduling notification:** Large systems may independently change the List 1 or List 2 monitoring schedule by October 1, 2012.
- **Groundwater representative sample locations:** Large systems may submit representative sampling plan proposals or changes to existing plans by August 1, 2012.
- **Representative intake:** Systems that purchase water from the same wholesaler may sample from a representative intake.

What are the deadlines for PWS’s?

- **August 1, 2012:** Final opportunity for a laboratory to request registration forms to become an approved UCMR3 laboratory. New groundwater representative plans must be submitted for any PWS that has groundwater as a water source.
- **October 1, 2012:** PWS must update, edit or change information on monitoring schedule(s) in the Safe Drinking Water Accession and Review System (SDWARS3) database.
- **January 1, 2013:** UCMR3 start date for monitoring.
- **December 31, 2015:** UCMR3 end date for monitoring.

What will the costs be for PWS’s to monitor for UCMR3?

- The laboratory analysis and shipping of samples will account for 82% of the total national cost for the UCMR3 implementation.
- For List 1 and List 2 contaminants, groundwater systems will monitor 2 times a year, whereas surface water systems will monitor 4 times per year.
- List 1 cost is anticipated to be around $1,085 per sample set. Additional costs will be incurred if the method requires the use of field quality control (QC), such as field blanks, trip blanks, or Lab Fortified Sample Matrix (LFSM) spikes.
- List 2 cost is estimated at $418 per sample set. Additional costs will be incurred for field blanks and LFSM spikes.
- Small systems (less than or equal to 10,000 retail population) will have the lowest costs to participate in UCMR3. They will generally have fewer sampling locations and they will receive direct assistance from the EPA/State program for all costs associated with laboratory analysis and shipping of samples.

What are the monitoring requirements?

- All Community Water Systems (CWS) and Non-Transient Non-Community Water Systems (NTNCWS) that serve a retail population more than 10,000 customers must monitor for List 1 contaminants.
- CWS and NTNCWS’s that serve a retail population of 10,000 or fewer customers could be one of 800 randomly selected systems to monitor for the List 1 contaminants. The EPA will pay for the analysis and shipping costs for these systems.
- All CWS and NTNCWS’s serving a retail population of 100,000 or more customers are required to monitor for the List 2 Screening Survey Contaminant list.
- CWS and NTNCWS’s that serve a retail population between 10,001 and 100,000 could be included in a randomly selected set of 320 systems required to monitor for List 2.
- For CWS and NTNCWS’s that serve a retail population of 10,000 or less, could be included in 480 randomly selected systems required to monitor for List 2 contaminants. The EPA will pay for the analysis and shipping costs for these systems.
- For Transient Non-Community Water Systems (TNCWS), regardless of the retail population, are not required to participate in either List 1 or List 2 monitoring.
- For CWS, TNCWS and NTNCWS’s that serve a retail population of 10,000 customers or less, could be among 800 systems that will be randomly selected to monitor for List 3—the Pre-Screen Survey. These systems will allow the EPA to sample and analyze for these constituents. The systems selected for the List 3 Pre-Screening Survey will be from systems that utilize non-disinfecting groundwater wells in vulnerable areas with geological conditions such as karst or fractured bedrock.
- Tribal Systems: There will be tribal implications, since the EPA estimates there are approximately 17 tribal water systems that fall into the large system category. Approximately 1% of the small tribal systems will be selected to participate for either of the UCMR3 lists for monitoring.

What does the future hold for UCMR?

Comments were received regarding the contaminants selected suggesting the monitoring of cyanobacterial toxins. The EPA did acknowledge these toxins are of concern; however no method exists at this time. This may be of interest in the next UCMR monitoring period.

Note: The complete rule can be found in the Combined Federal Regulations as 40 CFR Parts 141 and 142, Federal Register/Vol.77, No. 85 — “Revisions to the Unregulated Contaminant Monitoring Regulation (UCMR 3) for Public Water Systems”

Suzanne Lindblom is the Laboratory Manager for Mobile Area Water and Sewer System (MAWSS). She has over 13 years experience in the environmental laboratory industry with analytical, quality assurance, and project management experience. Lindblom has a Bachelor of Science in Biological Sciences and a Master of Science in Aquatic Ecology from the University of Alabama.
MAWSS is a convenient acronym for Mobile Area Water and Sewer System. Mobile as you may know is strategically located on Mobile Bay in Mobile County, Alabama. Mobile County has a 2010 census population of 412,992. The City has a history spanning more than 300 years. Known as “Mobilia” by the native American Indians who first inhabited it Mobile was then settled by the French and once belonged to the Spanish, the Confederacy and of course the United States over the span of that time. It is a beautiful city of ancient Live Oak trees, colorful azaleas by the thousands and is the birth place of Mardi Gras; a tradition still celebrated to this day on Fat Tuesday at the conclusion of Lent. Mobile has a diverse economy including the Alabama State Docks, pulp and paper and chemical industries, tourism and education.

Mobile will be the home of the 65th AWWA AL-MS Section Conference and Exhibition this fall starting on October 14 and running through October 16. Don’t miss the opportunity to experience true southern hospitality at the newly renovated, world class Mobile Renaissance Riverview Plaza Hotel in downtown Mobile along with all the great tourist attractions there and within easy driving distance surrounding the City. There are many great restaurants as well as museums, historic forts, fishing and water sports opportunities. From the conference hotel downtown it is only a short distance to the remarkable Bellingrath Gardens. This is a must for those who can appreciate great landscaping, architecture, and history.

As with any city the water and sewer system is the life blood of the city and Mobile’s has a storied history dating back to 1814. A system of this age has its challenges. Mobile has been busy for the past decade upgrading its water and sewer systems in a major way. Over $300 million has been invested in upgrades to the system.

Spotlight on MAWSS

Facts:
- Average daily delivery of water: 41 MGD
- Peak day delivery: 48 MGD
- Miles of water distribution system: 1,650 (approx.)
- Miles of sewer collection system piping: 1,300 gravity, 120 force, and 200 lift stations
- Permitted water plant capacity: E.M. Stickney 60 MGD and H.E. Myers 30 MGD
- Permitted sewer treatment capacity: C.C. Williams 28 MGD and Wright Smith, Jr. 12.8 MGD
- Number of customers: 88,866 accounts
- Number of employees: 390 (approx.)
- Source water: J.B. Converse Reservoir (better known as Big Creek Lake) and Mobile River
- Governance: Seven Member Board of Water and Sewer Commissioners appointed by Mobile City Council
Mobile Area Water & Sewer System (MAWSS) at a Glance

By: Barbara Shaw, Public Affairs Manager, Mobile Area Water & Sewer System

Mobile Area Water & Sewer System (MAWSS) celebrates its 60th anniversary this fall as the largest environmental organization in the area, providing exemplary drinking water and sanitary sewer service to 265,000 customers in Mobile and surrounding areas.

MAWSS, which is owned and operated by the Board of Water and Sewer Commissioners of the City of Mobile, got its start in 1952 when the water needs of a growing city and paper industry spurred the building of the J.B. Converse Reservoir, also known as Big Creek Lake, in the western part of Mobile County near the Mississippi line. The Reservoir is continually fed by springs, streams and rainfall in the watershed which covers 103 square miles and lies totally within Mobile County. The man-made Lake covers 3,600 acres and holds 17 billion gallons of water providing an abundant and enviable supply that allows MAWSS to sell water to neighboring Prichard, Chickasaw and Spanish Fort in Baldwin County. MAWSS also has an additional source of raw water for industry from the Mobile River which intakes through the Burton S. Butler River System in Bucks, Ala.

MAWSS operates four award winning plants, two water filtration treatment facilities and two wastewater treatment facilities. MAWSS’ drinking water is treated at the E. Morgan Stickney or H.E. Myers Water Filtration Plants. Stickney, built in 1942, has a 60 MGD capacity. The Myers facility, built in 1990, has a 30 MGD capacity. Both use a conventional flocculation-sedimentation-filtration process to treat water. Plants and operators have been recognized for outstanding performance by Alabama’s Water Environment Association (AWEA), Alabama Water Pollution Control Association (AWPCA) and Alabama Department of Environmental Management (ADEM).

MAWSS’ wastewater system consists of 7 basins associated with two treatment plants, the C.C. Williams Wastewater Treatment Plant and the Wright Smith, Jr. WWTP. The total service area for the two plants is approximately 233 square miles. Components include approximately 1,300 miles of gravity sewers, 200 lift stations and 120 miles of force mains.

The Williams WWTP is a high purity oxygen activated sludge plant located on McDuffie Island. Built in 1957, with upgrades in 1987 and 2000, the plant is permitted to treat 28 MGD. The Wright Smith Jr. WWTP is a trickling filter plant serving the northern section of MAWSS service area and is permitted for 12.8 MGD. Built in 1947, the plant received upgrades in 1964, 1987 and 2003.

Both wastewater treatment plants have been recognized by the National
Association of Clean Water Agencies with the prestigious Platinum Peak Performance Award for perfect compliance with the NPDES permits. The Williams Plant received a Platinum 11 award for eleven consecutive years of perfect performance and the Smith Plant received a Platinum 9 award for nine consecutive years of meeting permit limits. The Williams WWTP was recognized by AWEA as Outstanding Plant. Both wastewater plants have been recognized by AWPCA.

Protection of the environment is a core ingredient of MAWSS’ vision, mission, and values. MAWSS was honored with a National Environmental Achievement Award from NACWA in 2010 for the “It’s Easy to be Ungreasy” Grease Recycling Program, which along with other grease reduction programs, has helped lower the number of sanitary sewer overflows caused by grease blockages. Instead of putting grease down the drain, residents can use free containers provided by MAWSS. Grease is recycled into useful products like animal feed, industrial lubricants and bio-diesel fuel. An upbeat community education campaign provides a pro-active approach to protect the environment.

A watershed plan helps protect the water quality in the Converse Reservoir watershed. MAWSS owns and maintains more than 8,000 acres of land surrounding the lake and is continually seeking ways to safeguard this valuable community asset to keep it viable for generations to come. Working with the U.S. Fish and Wildlife Service, MAWSS has dedicated 222 acres of its watershed property for a protected gopher tortoise preserve helping save the threatened species and its slowly disappearing habitat, the longleaf pine, from encroaching development.

Protecting the health of the community and protecting the health of the environment, keeping these goals forefront, MAWSS’ dedicated Board, operators and staff are making a positive difference for our community.
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On March 7-8, 2012, members of the Alabama-Mississippi Section of the American Water Works Association (AWWA) visited Washington D.C. for the AWWA-WEF Water Matters! Fly In. This year marked the second year for a joint effort and participation with the Fly-In between AWWA and the Water Environment Federation (WEF). Once again, National WEF Director and a local Alabama WEF representative Scott Cummings attended the Fly-In with AWWA Section Representatives. The Section Representatives that attended with Scott were David Stejskal of CH2M Hill, Les Brown of the Mobile Area Water & Sewer System, Frank Eskridge of Gadsden Utilities, Amy McLeod of the Mississippi State Department of Health, and Mark Snow of Canton Municipal Utilities.

During the Fly-In, our AWWA (and WEF) reps met with the Alabama and Mississippi US Senators and Representatives to discuss important points that the water communities are facing at this time. House Speaker John Boehner (R-OH) was very specific that all congressmen make time to visit with their constituents whenever possible.

The biggest issue that was the focus for much of the delegation involved funding and continued support for the formation of a Water Infrastructure and Finance and Innovation Authority (WIFIA) to support the Nation’s critical water infrastructure needs. There was little encouragement that the current Congress would support funding for any new programs, but with the increasing funding needs to take care of the currently aging water infrastructure, it is expected that this issue will continue to be a primary focus for a few more years.

In addition to funding issues, members of Congress were encouraged to refrain from creating new legislation for any new or more restrictive water quality standards. There was a very strong support for minimizing any efforts to increase regulatory control.

Congress was also updated on current pending legislation to allow for on-line posting of information contained in Consumer Confidence Reports in lieu of the current requirement of individual mailings. The Section and AWWA views this step as a tangible way to reduce utilities expenditures without impacting customer notifications. Support of House Bill HR 1340 and the companion Senate Bill S1578 was suggested. (Note: Recently, the Senate took up consideration of an amendment to the Farm Bill which would have implemented this change. AWWA and your Section was actively involved with supporting Senators in their efforts to pass this amendment. However, the amendment unfortunately was defeated with both senators from Alabama and Mississippi voting in favor of the amendment.)

Once again, the Fly-In was well organized and supported by about 160 AWWA and WEF members to carry the water community’s messages to over 300 lawmaker’s offices on Capitol Hill. The dates for the 2013 Water Matters! Fly-In has been set for April 17-18, 2013. If there is any interest in participating in the next Fly-In or if there are any issues facing your water utility, please contact any of the officers of the Alabama-Mississippi Section of the American Water Works Association.
Newsmakers

ACE 12 – DALLAS, TEXAS

METER MADNESS – AL-MS Section

(L) Ron Mallette finished 8th
(R) Don Templeton finished 10th

TOP OPS

Left to right: Jonathan Harris, Bill Shikle, Trey Finch & Wendell Cox

The BWWB team beat their stiffest competitors from the state of Florida in a seesaw match that alternated scores with each team taking the lead and them losing the lead. In true championship form, the team from Alabama never gave up and continued to perform.

PIPE TAPPING TEAM

Birmingham Pipe Tapping Team in blue on floor preparing for tap

Congratulations to our 2012-2013 Tapping Team! The Birmingham Water Works has done it again. Another national title for our company, the State of Alabama, and the AWWA AL-MS Section. Congratulations to the 2012-2013 National Tapping Team:
Ralph Abbott, Coach
Johnny Bittles, Setter
Todd Stewart, Copper
Jerry Storey, Cranker

BENJAMIN BENVENUTTI PASSES EXAM

Benjamin Benvenutti of Gulfport, Mississippi, has passed the Principles and Practice of Engineering Exam that was taken in April 2012 and has recently been licensed as a Professional Engineer by the Mississippi Board of Registration for Professional Engineers & Land Surveyors. He is employed by CDM Smith and served as the chair for the Water For People Committee for the Alabama/Mississippi Section of the American Water Works Association in 2011. The Alabama/Mississippi Section would like to congratulate Ben on his achievement.

COMMUNICATIONS COMMITTEE NOTICE

Volunteers are needed to serve on the Communications Committee for the Alabama/Mississippi Section of AWWA. If you are interested in working on the Section Website or the Section Newsletter, please contact the Communication’s Chair Harry Gong at Harry.Gong@msdh.state.ms.us or at (601) 576-7527.

NEWSMAKERS NOTICE

If you have recently been promoted, passed an exam, become certified, retired, become a parent, etc..., the PIPELINE would like for you to submit a small write-up and a profile picture for consideration for the Newsmakers Section. Please send the information to Harry.Gong@msdh.state.ms.us or call Harry Gong at (601) 576-7527.
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<td>NACE International</td>
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<td>281-228-6200</td>
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<td>neptunetg.com</td>
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<td>615-466-5220</td>
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