

MWEA 53rd Annual Meeting and Technical Conference

June 1-4, 2010
BancorpSouth Conference Center
Tupelo, MS

As an Environmental Professional or Municipal Manager, you strive to perform your duties at peak efficiency. In order to do this, you look for new information or a better way of doing the same old job. You are also faced with new challenges on a frequent basis. You, your employer, and the public expect compliance at the lowest cost. **Where do you get the information you need?** From publications, training seminars and technical conferences. But it's not just the technical papers you need, it's contacts (i.e. Managers, Engineers, Operators, Vendors, and Regulators) that will help you find solutions.

At the **Mississippi Water Environment Association's 53rd Annual Meeting and Technical Conference** you will get all this and more. The MWEA, a member association of the *international Water Environment Federation*, is dedicated to advancing understanding of water pollution control technologies and the preservation of the water environment in Mississippi. The Association's membership includes engineers, operators, scientists, industrial and municipal facility managers, and regulatory officials. This year's conference agenda includes **31 Technical Presentations** and as many as **30 Exhibitors** eager to share their products and services with you. Activities include a special **Operator's Forum** with both **Water and Wastewater Sessions**, a **Pre-Conference Workshop**, an **Awards Luncheon**, a **Business Meeting**, **Two Evening Socials**, and **Networking** sessions with attendees and exhibitors.

***** Up to **19** hours of **MDEQ Sponsored** Continuing Education Credits available *****
***** Including **1 hour Professional Ethics** for Engineers *****
***** Up to **10.5 MSDH** water hours ^(W) Including **2 Reg Hours** ^(R) *****

Whether you are a regular attendee or if you have never attended MWEA, take this opportunity to gain valuable knowledge and resources by **Registering for the MWEA conference right now! It's a great bargain!** We also encourage you to share this unique opportunity with others who may benefit from the experience.

For more information visit our web site at www.mswea.org

Join us for a Dutch Treat Meet & Greet Reception Tuesday evening at 6:00 pm.
Meet in the Lobby of the Hilton Garden Inn

Tuesday June 1 (4 CEC hours)

1:00 - 5:00 pm **Pre-Conference Workshop – Walnut/Pecan**

"Collection Systems Training "

(Included in Full Conference Registration)

1:00-2:00 **Operations of Wastewater Lift Stations**

Mike Switzer – Southwest Water

2:00-3:00 **Trench Safety** ^(1W)

Mark Jeffery – Southwest Water

3:15-4:15 **Working in Traffic** ^(1W)

Lewis Blair, American Control Service

4:15-5:00 **SSO Prevention and Response**

Larry Murphree, MDEQ

Break 3:00-3:15

6:00 pm **Meet & Greet at the Hilton Garden Inn (Dutch Treat)**

Wednesday, June 2 (5 CEC hours)

10:00 am **Conference Registration**

BancorpSouth Conference Center – Pre-function Area

11:00 - 12:00 **Ms Water Environment Association Annual Business Meeting**

All members and those interested in becoming members are urged to attend the business meeting. This is the Membership's opportunity to actively participate in discussion and set the course for your Association in the future. The more members we have involved, the more the Association can accomplish.

12:00 - 1:00 pm **Box Lunch with Exhibitors - Sweet Gum**

1:00 - 2:30 pm **Opening Session – Poplar**

Local Welcome:

**Exhibits Open
Wednesday
10:00 am to 6:00 pm**

Keynote Speakers

Water Environment Federation Representative

Matt Bond is the 2009-2010 Vice President of the Water Environment Federation (WEF), an international organization of water quality professionals headquartered in Alexandria, Va.

Matt is an Associate Vice President of Black & Veatch, a global engineering, consulting, and construction company where he serves as Deputy Director of Projects and Wastewater Treatment Practice Leader for the Water Americas Central Region. His duties include client services, project management, and execution for water infrastructure projects. In his role as Wastewater Treatment Practice Leader, he advises clients and project teams on emerging issues and application of appropriate technologies for wastewater projects. Matt has specialized expertise in nutrient removal, biosolids management, sludge dewatering, odor control and infrastructure asset management.



George Smith – Siemens Water Technologies Corp ^(1W)

George has over 40 years of experience in the wastewater treatment field. Since obtaining his BSCE degree from Valparaiso University in 1967, George has worked for Envirex (now Siemens WT) on an assortment of biological processes ranging from anaerobic digestion to Orbal and VLR aeration systems. He has 8 patents in the wastewater field, including the VLR. George has written numerous papers on biological treatment and has spoken at conferences all over the world



.2:30 – 3:00 pm **BREAK WITH EXHIBITORS – Sweet Gum**

Exhibits

The exhibits remain an important part of our conference. This year the exhibit hall will open at 10:00 am Wednesday morning and stay open through the evening social hour. It will open again at 8:00 am Thursday and be open through 4:00 pm. We have scheduled additional break time this year to allow all attendees to take advantage of this opportunity to visit with the exhibitors. You may very well find that product or service you have been searching for.

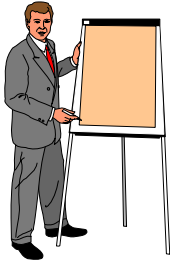
MEALS AND SOCIALS

Join us for a Dutch Treat Meet & Greet Reception at the Hilton Garden Inn Tuesday evening at 6:00 pm. We will again enjoy a **SOCIAL HOUR IN THE EXHIBIT HALL** on Wednesday evening through the generosity of our sponsors.

Thursday ends with an *Auto Museum Social sponsored by Mitchell Technical Services* from 6-8 pm..

The **AWARDS BANQUET** is scheduled for Thursday at 11:30 am.

Please join us to honor the award recipients.



Technical Sessions

Poplar

3:00 - 3:30 pm

“Extreme Dewatering Makeover: Press Operating Costs in Half”

[Jeff Sober, PE – Carollo Engineers Dallas](#)

3:30 - 4:00 pm

“Process Improvements Yield Big Savings- Summary Report”

[Jonathan Walker – TVA](#)

4:00 - 4:30 pm

“Short-Term Management of Wastewater Residuals for Long-Term Savings”

[Jonathan Hill – Terra Renewal](#)

4:30 – 5:00 pm

“Overview of Wetland Regulations - “Wetlands aren’t going away!””

[Anna W. Schoonover, FTN Associates, Ltd](#)

5:00 - 6:00 pm

SOCIAL IN THE EXHIBIT HALL



Exhibits Open
Wednesday
10:00 am to 6:00 pm



Thursday 8:00 am to
4:00 pm

**Tonight: Visit with Exhibitors and other attendees while enjoying
Drinks and Hors devours in the Exhibit Hall**

Thursday, June 3 (6 CEC hours)
(CONCURRENT SESSIONS – Poplar)

8:00 – 9:00 am

“Professional Ethics”^(1W)

James Mozingo – Knight Mozingo Quarles & Simpson, PLLC

Exhibits Open
Thursday
8:00 am to 4:00

9:00 - 10:00 am

BREAK WITH EXHIBITORS - Sweet Gum

10:00 - 10:30 am

Student Paper

“Oil Production for Biofuels via Oleaginous Microorganism Consortium”

Jaclyn Hall - Mississippi State University

10:30 - 11:00 am

Student Paper

“Enhancement of Lipid and Biodiesel Yields and Quality from Municipal Sewage Activated Sludge via Fermentation of Lignocellulose Hydrolyzate”

Andro Mondala, Mississippi State University

11:00 – 11:30 am

“The MS 2009 Triennial Review of Water Quality Standards”

Kim Caviness – MDEQ

11:30 - 1:00 pm

AWARDS LUNCHEON

Featuring: Outstanding WW Treatment Plant, 5S Society, Bedell Award
Sponsored by Environmental Technical Sales, Inc.



1:00 - 1:30 pm

BREAK WITH EXHIBITORS

1:30 - 2:00 pm

“Constructed Wetlands for Heavy Metals: Practical Considerations”

Rex Robbins, PE, Wes Bramlett - FTN Associates, Ltd

2:00 - 2:30 pm

“Class A Biosolids Produced With Closed Alkaline Process”

Tom Welch - Schwing Bioset Inc

2:30 - 3:30 pm

BREAK WITH EXHIBITORS (Door Prizes)

3:30 - 4:00 pm

“Planning for Nutrient Removal “

Matt Bond – Black & Veatch

4:00 - 4:30 pm

“Water Quality Modeling of St. Louis Bay”

Greg Jackson, MDEQ

4:30 - 5:00 pm

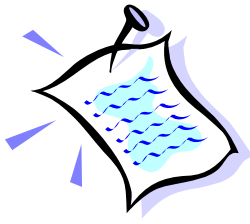
“Sustainable Grease Trap Waste Treatment Facility”

Arnel Santos, PE – Thompson Engineering

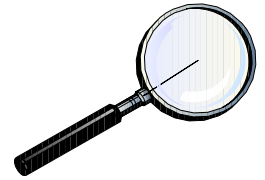
6:00 - 7:30 pm

Special Networking Social

Sponsored by Mitchell Technical Services, Inc.



**SPECIAL FEATURE
OPERATOR'S FORUM
THURSDAY, June 3 (6 CEC Hours)**



(CONCURRENT SESSIONS)

**Exhibits Open
Thursday
8:00 am to 4:00**

Wastewater Session - Elm		Water Session – Walnut/Pecan	
8:00 – 9:00		Professional Ethics^(1w) James Mozingo – Knight Mozingo Quarles & Simpson, PLLC	
9:00 – 10:00		BREAK WITH EXHIBITORS - Sweet Gum	
10:00 – 11:30	Evaluating and Troubleshooting Secondary Clarifier Performance Mike Foster - Environmental Business Specialists, LLC	10:00 – 10:45	Ground Water Rule^(1R) Eric Williams – MSDH
		10:45 – 11:30	Source Water Protection^(1R) Jamie Crawford - MDEQ
11:30 – 1:00		AWARDS LUNCHEON <i>Sponsored by Environmental Technical Sales, Inc.</i>	
1:00 – 1:30		BREAK WITH EXHIBITORS	
1:30 – 2:30	Septage: Its Effects on POTWs and Controlling Septage Haulers Larry W. Moore, Ph.D., P.E. - University of Memphis	1:30 – 2:30	Chlorine Analysis for Compliance: Amperometric and DPD Methods and How Both Techniques Work^(1w) Jonathan McMillan – HACH
2:30 – 3:30		BREAK WITH EXHIBITORS	
3:30 – 4:15	Biological Wastewater Treatment in Packed Bed Filters Bob Smith – Orenco	3:30 – 4:15	Dissolved Air Flotation Applications for Drinking Water Pretreatment^(1w) Matt Schomaker – ITT Water & Wastewater Leopold, Inc.
4:15 – 5:00	Nutrient Removal Processes – The Importance of Monitoring Danny Hutcherson - HACH	4:15 – 5:00	Water Loss Surveys and Record Keeping^(1w) Ralph Augimeri – Mitchell Tech. Services

6:00 – 7:30 pm

Special Networking Social

Sponsored by Mitchell Technical Services, Inc.



Friday, June 4 (4 CEC Hours)

Poplar

8:00 am

CONTINENTAL BREAKFAST



8:30 - 9:00 am

“Infrastructure Corrosion: Caused, Repair and Protection” (0.5W)
Tommy Leblanc/Matt Taylor – Cleancut LLC

9:00 - 9:45 am

“Wetland Assimilation – Restoring Aquatic Resources with Treated Wastewater “
Patrice Cole – Environmental Business Specialists, LLC

9:45 - 10:15 am

“MS's Numeric Nutrient Criteria Development Activities “
Kim Caviness - MDEQ

10:15 - 10:30 am

BREAK



10:30 - 11:15 am

“Use of Pressure Gauges in Pump Troubleshooting” (1W)
Ricky Pollan – Tencarva Machinery Company

11:15 - 12:00 pm

“Enhancing Energy Efficiency of Wastewater Aeration-Summary Report”
Charles L. McEntyre - TVA

12:00 pm

ADJOURN

Hotel Information: The Hilton Garden Inn has established a group rate of \$115 per night for Tuesday through Thursday. **Deadline for the group rate is May 2, 2010.** You can make reservations by calling: (662) 718-5500 or toll free (877) 782-9444. Be sure to mention MS Water Environment Association when making reservations. **Fax: (662) 718-5560**

Hilton Garden Inn
363 East Main Street
Tupelo, MS 38801

19 Hrs (MDEQ Sponsored) Continuing Education Credits (CEC) for Wastewater Certification will be awarded for attendance.
4 hrs Tuesday 5 hrs Wednesday
6 hrs Thursday 4 hrs Friday

REGISTRATION INFORMATION

Registration Fee - **\$100.00** Non-Member – See attached (Socials and Meals)
One Day Only - **\$50.00** Non-Member - **\$ 75.00** (Includes Meals)
Extra Luncheon Tickets: **\$27.00**
Late Registration Fee (after May 16) **\$10.00**

Mississippi Water Environment Association

53rd Annual Meeting & Technical Conference

June 1-4, 2010 in Tupelo, Mississippi



Pre-Registration Form

We encourage you to use our On Line Registration available at www.mswea.org

NAME _____ EMPLOYER _____

ADDRESS _____ CITY _____ STATE _____ ZIP _____

PHONE NUMBER _____ E-MAIL ADDRESS _____

Name for Name Tag: _____

Full Conference - Includes Luncheon, Socials and Pre-Conference W/S----- \$ _____

MWEA Member -- Membership No. _____ \$100.00

Non-Member MWEA (one year MWEA/WEF membership included in registration)

Professional and Academic Level.....\$215.00

Professional Wastewater Operator (PWO).....\$175.00

Young Professional.....\$175.00

Student\$150.00

One Day Only - Includes Luncheon and/or Social----- \$ _____

Check which day you will attend: ___ Tuesday ___ Wednesday ___ Thursday ___ Friday

MWEA Member -- Membership No. _____ \$50.00

Non-Member MWEA.....\$75.00

Extra Awards Luncheon Tickets - \$27.00 each ----- \$ _____

Late Registration Fee - \$10.00 if envelope is postmarked after **May 16, 2008**----- \$ _____

I would like to be a Social Sponsor ----- \$ _____

Check here if you plan to attend: **Pre Conference Workshop** **Thursday Social**

I need a Continuing Education Certificate

TOTAL ENCLOSED ***** \$

Please make checks payable to Mississippi Water Environment Association. Mail check and this form to **Rose Mary Bagby, 211 Kendra Drive, Vicksburg, MS 39180**. You may contact Rose Mary by Phone at **601-638-4659**,

Cell Phone: **601-618-9152**, email: rosemarybagby@yahoo.com. There is a \$10.00 processing fee for cancellations prior to May 16, 2009. No refunds given for no- shows or cancellations after May 16, 2009.

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Tupelo, MS 38801

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53rd Annual Meeting
&
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June 1-4, 2010
BancorpSouth Conference Center
387 East Main Street
Tupelo, MS

***Pre-Conference
Workshop***

**Plan NOW to Attend
and
Bring an Associate**

***Special Operator's
Forums
Water & Wastewater***



Conference Registration Enclosed

MS Water Environment Association
P. O. Box 305
Natchez, MS 39121