



Louisiana Section of Air & Waste Management Association

Chair Perspective

Rolling Into Fall, WHAT A NICE CHANGE!

As we move into the month of September I reflect on the busy August month that passed. It's sort of a fitting reminder that time passes by very quickly as I trucked the three and one-half hour trip to the University of Louisiana at Monroe to check my daughter in for the beginning of her college career and a much needed CHANGE of pace at my household. Wow certainly I can't remember that far back for myself and what it felt like to make this CHANGE. OK I won't divulge my age given August was my birthday month, but it does bring about some reflection. When we start something new or make a CHANGE, whether it is a career, a job, or just a project, there is always anticipation and maybe a little angst over what lies ahead. We can always count on an outcome none-the-less. CHANGE is good! As we roll into fall we can anticipate a change in the weather (good), a change in the time by a rollback of the clock (maybe not so good), a change in our schedules (can be good or bad) and a change in our workload now that the reporting season has closed and our checks and balances are in place (good for many). For our A&WMA Louisiana Section organization these changes bring about our anticipated Fall Conference! Wow what a tremendous agenda the conference committee is working on. Our conference includes highly respected visitors from around the country like Bill Wehrum and Gary McCutchen, not to mention several Agency presentations. Let's not forget our Young Professionals agenda which will be jam packed with information! See more information in the article from Karen Brignac and Jennifer Tullier our conference Co-chairs. In addition to the changes we see in our regulatory agenda, PM 2.5, Cross-State Air Pollution Rule (formerly CAIR), Ozone (soon?), and other initiatives, we can expect an increase in activity, maybe a CHANGE, with the upcoming election cycle. Lots of information to share! So where does this leave us? Can we anticipate any significant changes in the way we do business? ALWAYS! Business is not only driven by economics, technology,

Special points of interest:

- Important Dates
- Check out our new members!
- Save the Date for the Louisiana Section's Annual Fall Conference.
- New North Louisiana Chapter coming soon!
- See what the YPs have been doing!

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For more information on the LA Section, [click here.](#)

Save the Date

The Louisiana Section's Annual Fall Conference, will be held on October 25 & 26, 2011 in Baton Rouge, Louisiana. Please check the Section's website for more information on the conference and the agenda!

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Chair Perspective Continued...

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laws and regulations but by anticipating change through its people. We as individuals can affect change, but it takes work. We have to understand and have knowledge of our processes. A good example of this is Environmental Improvements. Many companies and organizations set goals for changing and improving Environmental conditions, reduction in air and water emissions, reduction in waste and overall a reduction in Environmental incidents. We are fortunate as an organization to be able to reward organizations for their efforts in Environmental Improvements. Again this year a committee, Chaired by Jason Midgett, is working to select an Industry Award Winner. Past winners have included improvements in Environmental performance through the very things mentioned above like technology, laws and regulations and CHANGE through it's people. Stay tuned for the announcement of winners at one of our upcoming meetings! Lastly, I will close with where I started, my daughter and my family making a CHANGE for education and a future career. I can probably say the same for many of you; a change in grades, a change in schools, a change in friends! Education can always use a CHANGE for the better and certainly we want to award our schools for providing those incentives for our kids. Look for our Adopt-A-School announcement with the coming months and consider submitting a project for a school you are familiar with. So, as we roll into fall let's look for some changes and anticipate the good things that lie ahead including our dinner meeting events! Regards!

**Section Chair
Julie Roussel**

Keep Your A&WMA Contact Information Current!

Please update your contact information at www.awma.org so important and helpful A&WMA news can be sent to you! Go to www.awma.org; Login using your A&WMA membership number and password; Click on "My Account" at the top, right side of the page; On the left side of the page, a list of options will appear under "My Account"; Click on the category of information that you would like to update (e.g. address); Click on Edit to edit your contact information and save when you are finished. If you have any questions, please contact Veronica Crow at 504-231-8344.

**Veronica Crow
Membership Chair**

North Louisiana Chapter Coming Soon!

The A&WMA Louisiana Section is working towards the formation of a North Louisiana Chapter to better serve our members in the northern portion of the state. An email survey was sent out in May to gauge interest in the Chapter. Thank you to all who responded and are interested! Your enthusiasm is appreciated! More information will be sent soon regarding the initial meeting. If you are interested in participating with the North Louisiana Chapter or would like additional information, please contact Veronica Crow by email at veronicacrow@cox.net or by phone at 504-231-8344.

**Veronica Crow
Membership Chair**

LA Section Annual Fall Conference

So you missed the Annual Conference and Exhibition (ACE) in June, and your schedule just did not have an opening for the two day Clean Air Act Workshop held in early March in New Orleans, but you've heard about the valuable information you missed and you're wishing there was a way you could go back and make time for those two events. Well, here's your second chance!

The LA Section Annual Fall Conference will feature key presenters from both events with a great lineup of new presenters. Raj Rao, Kermit Wittenberg, Bryan Johnston, Gary McCutchen and Bill Wehrum have all confirmed presentations at the conference. We'll also cover updates from EPA and LDEQ, the latest on implementation of all the new NAAQS standards, BACT, GACT, and MACT. There will be a full day Young Professionals (YP) track including bringing back the popular "What's That Thang?"; and we're covering solid waste in the YP and multi-media tracks. Watch for the preliminary program over the next few weeks.

Exhibitors and sponsors have already begun confirming their space. We've expanded exhibitor space this year so there's still space available for your company as an exhibitor or sponsor. Conference registration will open soon, so don't miss your last chance in 2011 to catch a great line-up of presenters and attend another great A&WMA LA Section Fall Conference. We'll see you at the conference, October 25-26 in Baton Rouge!

[Click here for exhibitor & sponsorship forms.](#)

Karen Brignac
Jennifer Tullier
Conference Co-Chairs

Save the Date

The YP group will "Unwind" again this year at Ninfa's after the Fall Conference (day 2)! Come after the last presentation of the day. We will be tucked away in the bar area relaxing until 6! It's a short walk!

Call for Abstracts!

A&WMA is seeking abstracts for presentations on air quality measurement and monitoring topics for the Symposium on Air Quality Measurement Methods and Technology. The abstract deadline is October 17, 2011. Suggested topics for abstracts include, but are not limited to:

- Ultrafine Particles
- Vapor Intrusion and Indoor Air Measurements
- Ambient Air Monitoring and Monitoring Network Assessments
- Advances in Canister Sampling and Analysis Methods
- Coarse and Fine Particulate Matter Measurement Methods
- Ambient Particle Chemical Speciation and Black Carbon
- Stationary and Area Source Measurements
- Measurements Data Quality, Detection Limits and Quality Assurance
- Advances in Instrumentation and Environmental Optical Monitoring
- Measurement Technology Evaluation and Performance
- Continuous Ambient Monitoring
- Passive Measurements
- Mobile Monitoring Platforms
- Agricultural Emissions and Odor Measurements

Louisiana State Science and Engineering Fair Awards!

Once again the Louisiana Section participated in the special awards for the Louisiana State Science and Engineering Fair. Out of approximately 20 environmental related projects, three winners were selected to receive awards. Our first place award of \$400 went to Mr. Mitchell Hartley of John Curtis Christian School, second place and \$300 went to Ms. Alaina Leggette of St. Joseph's Academy and our final award, third place and \$200 went to Mr. John McCallum of Cedar Creek School. All of the students did a fantastic job this year and we look forward to participating again next year.



Allyson Morales
Education Committee Vice Chair

Nominations Now Being Accepted

Nominations are being solicited to fill three Board of Directors positions and the President-Elect position for the national organization. The deadline for receiving nominations is Monday, October 3, 2011.

You may nominate yourself or any other Air & Waste Management (A&WMA) Association member. All nominees must have been members of the Association for at least three consecutive years, and nominees for President-Elect must be from the Regulated Category and also have previously served on the Board of Directors for at least one year. The Nominating Committee will screen the nominees and submit a slate of candidates for consideration by the Board of Directors in January 2012. The election will be held during the spring of 2012.

The nomination package must not exceed six pages: the Nomination Form, a one-page resume, and a brief description of the nominee's interests/qualifications under the following six criteria: leadership skills, vision for the Association, written and verbal communication skills, team building commitment and skills, knowledge of A&WMA/its products and services, and financial management skills.

[Click here to for the Nomination Form](#)

Special THANK YOU to our Corporate Sponsors:

- ExxonMobil Chemical Company
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- Taylor Porter

Take Advantage of Your Membership!

The A&WMA appreciates your membership and wants you to enjoy all of the membership benefits available! To access membership services, go to www.awma.org. At this site, you are able to access many membership services including:

- Electronic copies of The Journal of the Air & Waste Management Association and EM, the monthly news magazine for environmental managers;
- Free access to the A&WMA Career Center where careers and candidates come together;
- Access to up-to-date professional, scientific and technical information through specialty conferences, workshops, courses, and satellite seminars. Members receive 20-30% discounts on registration fees at A&WMA conferences, workshops, seminars and education courses;
- Search, purchase, or download a range of over 11,000 products offered by A&WMA including technical books, CD-ROMs, papers from the A&WMA annual conference and specialty conferences, and articles published in The Journal of Air & Waste Management Association and EM. Members receive discounts up to 25% on A&WMA publications;
- Free access to the Special Reference Collection powered by Knovel and discount subscriptions to other environmental journals;
- Information on A&WMA awards and scholarships. Each year, A&WMA recognizes individuals and companies for outstanding accomplishments in promotion of a clean environment; and
- Opportunities for professional development through the QEP Certification Program.

If you have any questions about these services or other membership benefits, please contact Veronica Crow at 504-231-8344 or veronicacrow@cox.net.

Cross-State Air Pollution Rule (CSAPR)

The Cross-State Air Pollution Rule (CSAPR) was initiated when a December 2008 court directed EPA to issue a new rule concerning the transport of air pollution across state boundaries. Finalized on July 6, 2011, the CSAPR replaces EPA's 2005 Clean Air Interstate Rule (CAIR). This rule is a nationwide effort by EPA to improve air quality in thousands of counties throughout eastern, central, and southern states. CSAPR focuses on protecting the health of millions of Americans by requiring states to reduce emissions of sulfur dioxide (SO₂) and nitrogen oxide (NO_x) that are transported across state lines. When these pollutants react in the atmosphere, they form fine particles (PM_{2.5}) and ground-level ozone.

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Cross-State Air Pollution Rule (CSAPR) Continued...

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The CSAPR will require 28 states to reduce power plant emissions that contribute to ozone and/or fine particulate pollution. Under this rule, 26 states (including Louisiana) will be applicable to reductions in NO_x emissions during ozone seasons. In Louisiana, 92 electric generating units at 32 facilities state-wide will be subject to these standards.

Under CSAPR, it will be necessary for Louisiana to limit NO_x emissions to 13,432 tons in 2012. The rule will require the state to reduce its annual emissions by over 9,000 tons of NO_x (based on 2010 NO_x emissions). Louisiana will be expected to comply with the NO_x emission limitations required beginning with the 2012 Ozone Season. This of course is stirring up concerns state and nationwide on the lack of sufficient funds and difficulties meeting the compliance deadline to install necessary controls in order to meet these new requirements.

For more information regarding the Cross-State Air Pollution Rule (CSAPR), please visit the [CSAPR section of the EPA website](#) or contact the [Louisiana Department of Environmental Quality](#) regarding state specific information.

Morgan Verrette
Newsletter Chair

LSU A&WMA Student Chapter...

The LSU student chapter is excited for the fall semester and all of the great activities we have planned! We discussed recruitment opportunities, potential service-learning and social events, upcoming chapter meetings, and fundraising prospects at our first board meeting. We are proud to announce our new officers for this term: Gray Melancon (Chair), Noel Davis (Vice Chair), and Katie Clark (Treasurer). We are currently seeking volunteers to speak at our monthly meetings. If you would like to present to the LSU student chapter please contact Gray (gmelan8@tigers.lsu.edu) or Noel or (ndavis7@tigers.lsu.edu).

Will your A&WMA Section or Chapter be #1?

Win free conference registration and one of three travel scholarships to ACE 2012 San Antonio for a YP in your Section or Chapter!*



The A&WMA Sections or Chapters that send IPEP the most EPI applications between July 1 and December 31, 2011 will win, and individual winners will be randomly drawn from all applications from that winning section or chapter.

- *First Place - ACE 2012 Registration + \$500 for travel
- *Second Place - ACE 2012 Registration + \$300 for travel
- *Third Place - ACE 2012 Registration + \$200 for travel

*All ties will be settled by IPEP in a random drawing. To qualify, each A&WMA Chapter or Section must have a minimum of three applicants. For complete list of contest rules and to download applications, visit:

www.ipep.org

August 2011 YP Event- A very busy YP Group!

The Louisiana Section YP Group visited Baton Rouge's newest brewery in August. Tin Roof Brewery provided a relaxed atmosphere for networking. The afternoon included a complete tour of the facility and the process. Those visiting were also able to sample Tin Roof's Voodoo Bengal Pale Ale and Perfect Tin Amber; finishing the evening with food and more networking.



The LA Section Annual Fall Conference will again feature a full day of YP focused presentations.

Day 2 (October 26th) of the conference will include topics of interest to YPs, those recently entering the environmental field, and professionals looking for general overviews. Topics will include solid waste, Generally Achievable Control Technology (GACT), "What's That Thang?" and improving your presentations. The Annual Fall Conference brings over 300 attendees and is a great chance for networking and learning from other professionals in the field. Don't miss your chance to learn from some of the best.

Mark your calendars now for the last YP Event of 2011! Immediately following the end of the Fall Conference the YP Group will host a Conference Unwind at Ninfa's. The Conference Unwind is a very informal gathering of YPs and non-YPs; a great way to "unwind" following a full day of conference presentations. Appetizers will be provided by the YP Group.

The YP Group has already begun planning for the A&WMA LA Section 2nd Annual Golf Tournament. Our inaugural tournament was a huge success in April and we're looking forward to an even better tournament in 2012. The Golf Tournament is hosted by the YP Group, however all members and non-members are invited, welcomed and encouraged to play. The tournament will be hosted at Pelican Point in Gonzales and



will be held in March or April. A tournament date will be announced in the next few weeks. If you have any feedback for the group as we begin planning for 2012, please contact Jennifer Tullier (Jennifer.tullier@c-ka.com) or Jason Midgett (jason.midgett@placidrefining.com).

Pictured are Young Professionals enjoying the YP event at Tin Roof Brewery in August.

Jennifer Tullier
Young Professionals Co-Chair

Quantification and Parsing of Particulate Matter Emissions

Recent EPA actions have formally incorporated condensable particulate matter (CPM) and PM_{2.5} precursors into the NSR program for PM_{2.5}. These actions (1) require CPM to be included in direct PM_{2.5} emissions for applicability determinations and in establishing emissions limits; and (2) establish SO₂, NO_x, VOC, and Ammonia as PM_{2.5} precursors (PMPs). Of these four pollutants, only SO₂ is regulated as a PMP in all areas. NO_x is also regulated as a PMP in all areas, but EPA allows states to opt out. VOC and Ammonia are not regulated by default, but states are allowed to opt in. In Louisiana, only SO₂ and NO_x were implemented as PMP. The rationale behind the precursor rules, and in a sense the CPM rule as well, hinges on the degree of certainty that a pollutant's emissions are a significant contributor to ambient PM_{2.5} concentrations. After a brief overview of the basics of particulate matter, this article will explore some of the rationale for the new approaches to CPM and PMP.

Table 1. Significant Emissions Rates in the new NSR PM_{2.5} program.

Pollutant	SER	Notes
Direct PM _{2.5}	10 tpy	SER is unchanged, but now includes CPM.
--Condensable PM	N/A	--Included as part of direct PM _{2.5} . (Test Method 202)
PM _{2.5} precursor – SO ₂	40 tpy	Presumed precursor in all areas.
PM _{2.5} precursor – NO _x	40 tpy	Presumed in, but states may opt out. LDEQ opted in.
PM _{2.5} precursor – VOC	40 tpy	Presumed out, but states may opt in. LEQ opted out.
PM _{2.5} precursor – Ammonia	Set by SIP (No existing SER)	Presumed out, but states may opt in. LDEQ opted out.

Basics of Particulate Matter

Particulate matter (PM) is defined as a complex mixture of extremely small particles and liquid droplets of varying sizes suspended in a gas (the term “aerosol” refers to the particles and the gas together). The chemical composition of these particles varies; common constituents include dust, metals, heavy organic molecules, sulfate, nitrate, and ammonium. As a well-documented threat to public health, it is regulated under the National Ambient Air Quality Standards (NAAQS). Although recent studies have shown that particle size and chemical composition both have a significant impact on PM toxicity, the NAAQS standards for PM are based only on particle size:

- PM₁₀ – Particles with an aerodynamic diameter ≤ 10 μm. NAAQS standards: 150 μg/m³ annually.
- PM_{2.5} – Particles with an aerodynamic diameter ≤ 2.5 μm. NAAQS standards: 15 μg/m³ annually, 35 μg/m³ over 24 hrs.

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Particulate Matter Emissions from Stationary Sources

There are three parts to an emission source's contribution to ambient PM concentrations:

- Direct emission of "filterable" PM (FPM) – Particulate matter that exists at stack temperatures. These particles are emitted in both the PM₁₀ and in the PM_{2.5} size partitions.
- Direct emission of "condensable" PM (CPM) – Particulate matter that condenses as the emission stream cools to ambient temperature (this condensation happens within a few seconds, and the primary driving force for the conversion is the decrease in temperatures). Particles will be in the PM_{2.5} partition.
- Emission of PM_{2.5} precursors (PMP) – Various gas-phase pollutants that undergo chemical reactions in the atmosphere to form secondary/indirect PM (these conversions depend on a vast array of factors, including meteorological conditions, atmospheric concentration of reactive species, and electromagnetic radiation levels). These emissions are not PM themselves, but they can potentially form PM, and the particles will be PM_{2.5} size partition.

Direct PM_{2.5} Emissions = FPM_{2.5} + CPM

Under the new rules, direct PM_{2.5} emissions now consist of both FPM_{2.5} and CPM. Although it has long been known that CPM constitutes a significant portion of direct PM_{2.5} emissions (especially in high temperature processes), its inclusion in enforceable PM programs had been put on hold due to numerous complaints about the inaccuracy and variability of the CPM test method (M202). The recently promulgated revisions to M202 appears to have alleviated these concerns, and EPA now mandates the inclusion of CPM into direct PM emissions for applicability determinations and in establishing emissions limits.

From a facility's permitting standpoint, it may appear that the FPM/CPM distinction has become irrelevant. It remains important because of the fundamental differences between the two fractions. Even though the rules presume that CPM falls under direct PM_{2.5}, CPM inherently contains more of the smaller particles simply because they are more recently nucleated than FPM particles. Another fundamental difference between FPM and CPM is their chemical compositions (e.g. CPM's organic constituents are lighter), which as stated earlier, is a key toxicity parameter that is of growing concern to both the scientific and regulatory communities.

PM_{2.5} Precursors

EPA names four pollutants as PM_{2.5} precursors—SO₂, NO_x, VOC, and Ammonia. As stated above, these precursors undergo chemical reactions in the atmosphere to form secondary/indirect PM. These conversions depend on many locally varying factors, including temperature, humidity, atmospheric concentration of reactive species, and electromagnetic radiation levels. Given the diversity of these precursors' mechanisms towards PM formation, each of them is treated separately and not all are required in all states. Each pollutant's inclusion in the PM_{2.5} NSR program hinges on the degree of certainty that the pollutant's emissions are a significant contributor to ambient PM_{2.5} concentrations. It is worth noting here that if regulated, the significant emission rates (SERs) for each of these precursors is set at already existing levels.

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SO₂ – Required in all areas (SER = 40 tpy). Regulated in LDEQ's SIP.

The formation of PM from SO₂ is relatively well-understood. The chemistry is simple: by various pathways, SO₂ is first oxidized to sulfuric acid, which reacts with ammonia to either ammonium sulfate or ammonium bisulfate. Because sulfate is a significant component of PM_{2.5} concentrations nationwide, and also because of the particularly deleterious health effects of sulfate PM, EPA requires that SO₂ is regulated as a PM_{2.5} precursor in all areas.

NO_x – Presumed precursor in all areas; States may opt out (SER = 40 tpy) . Regulated in LDEQ's SIP.

The nucleation chemistry for NO_x is similar to SO₂, and is well understood. The first step is oxidation to nitric acid (HNO₃) via various mechanisms, and then neutralization with ammonia to form ammonium nitrate aerosol. The overall reaction is favored by high ammonia levels, low temperatures, and high relative humidity—all factors that vary greatly by area. As one would expect, monitoring data shows a great variation in nitrate concentrations. EPA's final action presumes that NO_x is a PM_{2.5} precursor, but allows states to opt out if they demonstrate that NO_x emissions do not contribute significantly to ambient PM_{2.5} concentrations.

VOC – Not required in any area; States may opt in (SER = 40 tpy) . Not Regulated in LDEQ's SIP.

The VOC pollutant contains a large variety of compounds, with varying chemical properties and physical properties (e.g. benzene vs n-hexane), and each of these compounds can undergo transformation to aerosol by several different mechanisms with many potential intermediates. While the formation of these secondary organic aerosols is a growing research topic, there is still much that is unknown. Due to the highly uncertain nature of these compounds and their chemical reactions, EPA does not require any area to regulate VOC as a PM_{2.5} precursor, but allows states to opt in if they demonstrate that VOC emissions do contribute significantly to ambient PM_{2.5} concentrations.

Ammonia – Not required in any area; States may opt in (SER to be set by SIP that chooses to implement it). Not Regulated in LDEQ's SIP.

There are several uncertainties surrounding Ammonia as a PM_{2.5} precursor. Chief among these is the fact that ammonia emissions inventories are highly unreliable. Additionally, while reducing ammonia emissions would lead to lower PM_{2.5} concentrations, there is the unwanted consequence of increased particle acidity. EPA has made the determination that more study is required on Ammonia precursor. It is presumed out, but EPA allows states to opt in if they demonstrate that Ammonia emissions do contribute significantly to ambient PM_{2.5} concentrations.

Roy Gullem
Sage Environmental Consulting

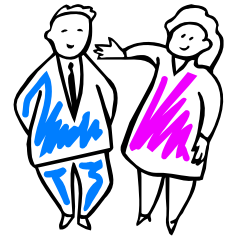
Share your ideas with us!

Have an idea for the Monitor?
Send it to the editor to see your thoughts in action!
Contact [Morgan Verrette](#).

A Special WELCOME to our New Members for August 2011

Ashley Barker, LSU Student
 Austin Booth, LSU Student
 Huey Bourque, Aggreko
 Tammy Burk, Louisiana Pigment Company, L.P.
 Catherine Cheramie, LSU Student
 Ava Coleman, Conestoga-Rovers and Associates
 Natalie Daigle, LSU Student

Kristi Howard, C-K and Associates
 Ariana Kalziqi, LSU Student
 Christian LeBlanc, LSU Student
 Daniel Lee, River Birch Inc.
 Megan Leger, PPG Industries, Inc.
 Beth Mueller, PPG Industries, Inc.
 Gerald Perry, PPG Industries, Inc.



Important Dates

September 12-13.....Future Air Quality Development Needs Workshop (Washington, DC)
 September 15.....Dinner Meeting at Mike Anderson's—Holiday Inn (Gonzales, LA) **See Attachment**
 October 5.....Clean Air Act Permitting Workshop (Indianapolis, IN)
 October 6.....Sustainability Reporting (A&WMA Webinar)
 October 19.....Waste Incineration Technology (A&WMA Webinar)
 October 25-26Louisiana Section of A&WMA's Fall Conference, Crown Plaza Hotel (Baton Rouge, LA)
 November 15.....GHG Reporting Workshop (San Francisco, CA)
 November 16-17.....Greenhouse Gas Strategies in a changing Climate (San Francisco, CA)
 November 29-December 1.....36th Annual EPA-A&WMA Information Exchange (Durham, NC)

[Click here for more important dates.](#)

Board of Directors and Committee Chairs

(to contact a board member, click on the member's name below)

Chair – Julie Roussel	225-353-8956	Speaker Co-Chair – Greg Johnson	504-556-4115
Vice Chair – Karen Brignac	225-923-7270	Speaker Co-Chair – Shane Sandefer	225-389-3728
Past Chair – Michael Vince	225-219-3485	Corporate Relations Chair – Doug Melancon	985-536-5202
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Secretary – Katie Ricks	504-472-6563	Education Committee Chair – Kevin Calhoun	225-766-7400
Director (2009-11) - Doris B. Grego	985-536-5437	Education Vice Chair – Allyson Morales	225-746-5889
Director (2010-12) - Diane Leche	225-977-1549	Communications Chair – Kelly Bradberry	225-927-2258
Director (2011-13) - Greg Johnson	504-556-4115	Website Chair – Diane Leche	225-977-1549
S & C Council Rep. – Bill Palermo	504-472-9993	LSU Student Chapter Chair – Gray Melancon	
SW Chapter Chair – Chuck Zukor	337-842-3858	Young Professionals Co-Chair – Jennifer Tullier	225-755-1000
Facilities Chair – Carol Murphy	504-472-9993	Newsletter Chair – Morgan Verrette	337-802-6263
Membership Chair – Veronica Crow	225-642-9787		

Southwest Chapter Officers

Chair – Chuck Zukor	337-493-3301	Past Chair – Michael Dever	337-842-3858
Vice Chair – Anna Todd	337-491-4567	Membership Committee Chair – Phyllis Holifield	337-708-8431
Secretary – Drew Cagnolatti	337-436-3248	Program Committee Chair – Sarah Doucet	337-494-5239
Treasurer – David Monfore	337-558-5961	Nominating Committee Chair – Don G. Johnson	337-708-4789

**The Louisiana Section of the
Air and Waste Management Association
will hold its September Dinner Meeting at**



**In the Clarion Inn & Conference Center
1500 Highway 30, Gonzales, LA**

**Date: Thursday, September 15, 2011
Time: Social begins at 4:30; Dinner Served at 5:30**

**Speakers:
Richard Ober & Tyler Ginn
Louisiana Department of Environmental Quality
Office of Environmental Compliance**

Topic: Current LDEQ Enforcement Initiatives

Reservations: You may now make your reservations and pay by credit card online. [Click here](#) to register using this preferred method of payment. Reservations may also be made by faxing this form to (504) 472-9963 or calling Carol Murphy at (504) 472-9993.

In order to complete your registration, we must receive your full name, company, and credit card information. If you do not attend, your credit card will be charged for the number of people for whom you made a reservation. If you wish to use email to indicate your intent to attend the meeting, you are welcome to do so, however, please remember that your reservation will not be confirmed until your credit card information is received via telephone, fax, or mail. Please note: The Section cannot accept email messages containing credit card information and any such messages received will be deleted immediately for your protection!

Name/Company _____

Email _____ Phone (_____) _____

Please indicate your choice of entrée (required): Half & Half Marinated Chicken Breast Vegetarian

Credit Card Number Visa MasterCard American Express

 Expiration Date /

Meeting Registration Fee:

\$40 Members/Corporate Sponsors \$45 Nonmembers \$50 at the door \$15 LDEQ/Students

ENVIRONMENTAL FOCUS 2011

Sponsored by:



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♦
Louisiana Section

SPONSORSHIP AND EXHIBITION
OPPORTUNITIES

OCTOBER 25-26, 2011

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225-925-2244



In Cooperation With:

CROWNE PLAZA HOTEL EXECUTIVE CENTER
BATON ROUGE, LA

ENVIRONMENTAL FOCUS 2011
A MULTI-MEDIA FORUM

The Louisiana Section of the Air & Waste Management Association will have generous exhibit space available (sufficient to accommodate 12—15 exhibitors) on a first-come first-serve basis. The exhibits will be in a secured area adjacent to the meeting rooms. All session breaks and meals (lunches and Tuesday evening dinner) will be in the exhibition area. There will be 30-minute morning breaks on both days and a 30-minute afternoon break on Tuesday. Set-up will be Tuesday morning, October 25, 2011 from 7:00 AM to 9:00 AM. All exhibits must be removed prior to 7:30 PM on Wednesday, October 26, 2011. Deadline for conference registration is October 21, 2011.

Exhibitors will be provided with one (1) skirted table and two (2) chairs. The space provided will accommodate tabletop exhibits or 8' x 10' booths. Exhibit space is \$500. **ONE** employee of the exhibiting company will receive registration for the full conference (up to a \$430 Value). Two additional employees of the exhibiting company can register for a reduced rate of \$310/person for the full conference or \$220/person for daily registration, regardless of A&WMA member status and/or two employees of the exhibiting company can register "Exhibitor Only" status at a cost of \$160 for the entire exhibit or \$110 for daily registration. Of course, any employees of the exhibiting company who are members of A&WMA may register at the member rate using the conference registration form. The cost for Exhibitor Only registration includes all breaks, luncheons, and the Tuesday evening social, but it does not include the Louisiana Section Dinner Meeting nor does it allow entrance into the technical sessions. All others must register at normal conference rates (see registration form). **Payment must accompany registration.** Payments may be made by cash, check, or credit card. Make checks payable to *Louisiana Section A&WMA*. If desired, an Exhibitor's information packet can be obtained from the hotel.

Please complete the Exhibitor Registration form on the next page and submit it as soon as possible to ensure that you have a space!



AIR & WASTE MANAGEMENT
ASSOCIATION
Louisiana Section

The Section cannot accept email messages containing credit card information; any such messages received will be deleted immediately for your protection!

EXHIBITOR REGISTRATION

OCTOBER 25-26, 2011

**CROWNE PLAZA HOTEL EXECUTIVE CENTER
BATON ROUGE, LA**

**ENVIRONMENTAL FOCUS 2011
A MULTI-MEDIA FORUM**

COMPANY: _____

NAME OF COMPANY CONTACT: _____

STREET ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

TELEPHONE: _____ EMAIL: _____

FAX: _____

Exhibit Space	\$500		
Exhibitor conference registration	Name _____		
Exhibitor conference registration	\$310/\$220 Name _____	<input type="checkbox"/> TUES	<input type="checkbox"/> WED
Exhibitor conference registration	\$310/\$220 Name _____	<input type="checkbox"/> TUES	<input type="checkbox"/> WED
Exhibitor only registration	\$160/\$110 Name _____	<input type="checkbox"/> TUES	<input type="checkbox"/> WED
Exhibitor only registration	\$160/\$110 Name _____	<input type="checkbox"/> TUES	<input type="checkbox"/> WED
Total Amount Enclosed	\$ _____		

PAYMENT INFORMATION

MasterCard

VISA

American Express

Card Number

Expiration Date

Signature

Name as appears on card

Enclosed is my check made payable to the Louisiana Section A&WMA

Mail registration form with payment or credit card information to:

**Louisiana Section A&WMA
c/o Ms. Carol Murphy
RTP Environmental Associates, Inc.
P. O. Box 640608
Kenner, LA 70064-0608**

OR

**Fax with credit card information to:
(504) 472-9963**



**AIR & WASTE MANAGEMENT
ASSOCIATION**
Louisiana Section

If you have any questions, please call Carol Murphy at (504) 472-9993 or email cmurphy@rtpevn.com

SPONSORSHIP OPPORTUNITIES

**OCTOBER 25-26, 2011
CROWNE PLAZA HOTEL EXECUTIVE CENTER
BATON ROUGE, LA**

**ENVIRONMENTAL FOCUS 2011
A MULTI-MEDIA FORUM**

SPONSORSHIP CONTACT INFORMATION

Company Name _____

Company Contact _____ Title _____

Address _____

City _____ State _____ Zip _____

Telephone (_____) _____ Email _____

The Louisiana Section of the A&WMA is offering opportunities for companies to sponsor breaks or meals at this year's Fall Conference. Sponsorship costs are \$500 for a Breakfast or Break Sponsorship and \$1,000 for a Lunch or Dinner Sponsorship. Please note, these sponsorship funds do not cover the actual cost of attending the event. In addition, sponsorship is non-exclusive - that is, two or more companies may be accepted for the same activity. However, every effort will be made to spread the sponsorships evenly throughout the program. If your company is interested in an exclusive sponsorship for an event, we will be happy to work with you. Please call for further information.

In return for your sponsorship of a Breakfast or Break, you will be given the opportunity to erect a sign of your design in the area in which the event is taking place. Signs are expected to be prepared with good professional judgment. The sign may not state or imply that the sponsor is covering the actual full cost of the activity. If it does, the sign will be removed. For a Lunch or Dinner Sponsorship, the same applies as above for the posting of signs. In addition, you may distribute a promotional gift of some kind. The promotional item may be set on the tables at each place or arranged on a side table for distribution.

If you are interested in a sponsorship opportunity at this year's conference, please complete this form. Payments may be made by cash, check, or credit card. Make checks payable to Louisiana Section A&WMA.

Breakfast or Break \$500

Lunch or Dinner \$1000

PAYMENT INFORMATION

MasterCard

VISA

American Express

Card Number

Expiration Date /

Name as it appears on Card: _____ Signature: _____

Enclosed is my check made payable to the Louisiana Section A&WMA

Mail this form with your payment or credit card information to:

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c/o Carol Murphy
RTP Environmental Associates, Inc.
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