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,
Chair Perspective Continued...

Continued from page 1...

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 you’re 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!

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:

- Ultratine 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
September 2011

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.

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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- Trinity Consultants
- Marathon Petroleum Company LP
- 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 (NOx) that are transported across state lines. When these pollutants react in the atmosphere, they form fine particles (PM2.5) and ground-level ozone.

Continued on page 6...
Cross-State Air Pollution Rule (CSAPR) Continued...

Continued from page 5...

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 NOx 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 NOx emissions to 13,432 tons in 2012. The rule will require the state to reduce its annual emissions by over 9,000 tons of NOx (based on 2010 NOx emissions). Louisiana will be expected to comply with the NOx 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.

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).
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.
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 SO$_2$, NO$_x$, VOC, and Ammonia as PM$_{2.5}$ precursors (PMPs). Of these four pollutants, only SO$_2$ 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 SO$_2$ 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>
<thead>
<tr>
<th>Pollutant</th>
<th>SER</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct PM$_{2.5}$</td>
<td>10 tpy</td>
<td>SER is unchanged, but now includes CPM.</td>
</tr>
<tr>
<td>--Condensable PM</td>
<td>N/A</td>
<td>--Included as part of direct PM$_{2.5}$ (Test Method 202)</td>
</tr>
<tr>
<td>PM$_{2.5}$ precursor – SO$_2$</td>
<td>40 tpy</td>
<td>Presumed precursor in all areas.</td>
</tr>
<tr>
<td>PM$_{2.5}$ precursor – NO$_x$</td>
<td>40 tpy</td>
<td>Presumed in, but states may opt out. LDEQ opted in.</td>
</tr>
<tr>
<td>PM$_{2.5}$ precursor – VOC</td>
<td>40 tpy</td>
<td>Presumed out, but states may opt in. LEQ opted out.</td>
</tr>
<tr>
<td>PM$_{2.5}$ precursor – Ammonia</td>
<td>Set by SIP (No existing SER)</td>
<td>Presumed out, but states may opt in. LDEQ opted out.</td>
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</tbody>
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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:

- **PM$_{10}$** – Particles with an aerodynamic diameter $\leq 10 \ \mu$m. NAAQS standards: 150 $\mu$g/m$^3$ annually.

- **PM$_{2.5}$** – Particles with an aerodynamic diameter $\leq 2.5 \ \mu$m. NAAQS standards: 15 $\mu$g/m$^3$ annually, 35 $\mu$g/m$^3$ over 24 hrs.
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 PM$_{10}$ 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—SO$_2$, 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.
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 PM₂.₅ concentrations nationwide, and also because of the particularly deleterious health effects of sulfate PM, EPA requires that SO₂ is regulated as a PM₂.₅ precursor in all areas.

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

The nucleation chemistry for NOₓ 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 NOₓ is a PM₂.₅ precursor, but allows states to opt out if they demonstrate that NOₓ emissions do not contribute significantly to ambient PM₂.₅ 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 PM₂.₅ precursor, but allows states to opt in if they demonstrate that VOC emissions do contribute significantly to ambient PM₂.₅ 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 PM₂.₅ precursor. Chief among these is the fact that ammonia emissions inventories are highly unreliable. Additionally, while reducing ammonia emissions would lead to lower PM₂.₅ 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 PM₂.₅ concentrations.
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 25-26.............Louisiana 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.

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

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SW Chapter Chair – Chuck Zukor 337-842-3858 Young Professionals Co-Chair – Jennifer Tullier 225-755-1000
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Membership Chair – Veronica Crow 225-642-9787

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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

Expiry Date □□/□□

Meeting Registration Fee:
$40 Members/Corporate Sponsors      $45 Nonmembers      $50 at the door      $15 LDEQ/Students

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Sponsorship and Exhibition Opportunities

October 25-26, 2011

Crowne Plaza Hotel
Executive Center
4728 Constitution Ave.
Baton Rouge, LA 70808
225-925-2244

In Cooperation With:
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!
**EXHIBITOR REGISTRATION**  
**CROWNE PLAZA HOTEL EXECUTIVE CENTER**  
**BATON ROUGE, LA**

**OCTOBER 25-26, 2011**

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

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**COMPANY:**

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**NAME OF COMPANY CONTACT:**

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**STREET ADDRESS:**

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**CITY:**

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**STATE:**

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**ZIP:**

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**TELEPHONE:**

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**EMAIL:**

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**FAX:**

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<td>Exhibitor only registration</td>
<td>$160/$110 Name</td>
</tr>
<tr>
<td>Total Amount Enclosed</td>
<td>$___________________</td>
</tr>
</tbody>
</table>

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**PAYMENT INFORMATION**

- □ MasterCard  
- □ VISA  
- □ American Express

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**Card Number**

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**Expiration Date**

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**Signature**

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**Name as appears on card**

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

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**Mail registration form with payment or credit card information to:**

**Louisiana Section A&WMA**

c/o Ms. Carol Murphy  
OR  
Fax with credit card information to:

**RTP Environmental Associates, Inc.**  
**P. O. Box 640608**  
**Kenner, LA 70064-0608**

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(504) 472-9963

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

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

Card Number

Expiry 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:

Louisiana Section A&WMA

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