

June 2005



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Lake Michigan States Section Air & Waste Management Association Newsletter[®]

Congratulations to the new Board of Directors

At the recent Section Annual Luncheon meeting the 2005/06 Board of Directors was announced. This Board is eager to begin work on the coming year and recently held a meeting to develop plans for upcoming events. A listing of currently planned events can be found on page 4 of this newsletter. Visit our website (www.lmawma.org) regularly to check the calendar of upcoming events.

The 2005/2006 Board of Directors is:

Chair:	Jeffrey Wentz	
Vice-Chair (Programs):	James Powell AMEC	
Secretary:	James Harrington McGuireWoods, LLP	
Treasurer:	Michael Reese Atwell-Hicks	
Membership:	William Seith Total Environmental Systems, P.C.	
Directors:		
Christopher Blume GaiaTech, Inc.	Mark Roach Clean Air Engineering	
Perry Fisher ERM	Suresh Relwani RK & Associates	
Kevin Mattison Illinois EPA	Carol Schweiger Dayton Superior Corp.	
George Nassos IIT Stuart Graduate School of Business	Robert Szczesniak Huff & Huff, Inc.	

Breakfast with LMSS at the Annual Convention

The Lake Michigan States Section of A&WMA will be hosting a breakfast during the Annual Convention in Minneapolis, Minnesota. The breakfast will be held on Thursday, June 23, 2005 at the Crowne Plaza Downtown. If you are interested in attending please contact Jim Powell at jim.powell@amec.com or Perry Fisher at perrywf@aol.com.



New Members

- Chris Albrecht**
URS Corporation
- Daniel Bartel**
Airgas
- Rudy Bartels**
Herman Miller, Incorporated
- Willie Beattie**
Herman Miller, Incorporated
- Joana Bezerra**
Env. Protection Agency
- Justin Brown**
Env. Monitoring & Technologies
- Sara Bruening**
- Diane Bunse**
Herman Miller, Incorporated
- Sharon Cameli**
WE - ENERGIES
- Yianni Chrysostomidis**
- Rose Cunningham**
- Charles Denton**
Varnum, Riddering, Schmidt & Howlett
- Thomas Depaul**
DAI Environmental, Inc.
- Roger Dodds**
WE - ENERGIES
- Larry Dykhuis**
Herman Miller, Incorporated
- Thomas Forman**
JP Morgan Chase N.A.
- Alan Frantsvog**
Admiral Env. Svcs., Inc.

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CHAIRMAN'S COMMENTS

Make no small plans; for they have not the power to stir men's souls...Make big plans, aim high in hope, and then work (Daniel Burnham)

The Lake Michigan States Section of A&WMA is coming off of one of our best and most productive years. 2004–2005 brought our members timely, well-attended and well-regarded technical programs; fiscal improvements; and increased membership. The Vice-Chairman, Jim Powell, attended the New Officers' Training conducted by A&WMA Headquarters, and the Section responded quickly to a hot topic – the Cooper vs. Aviall decision by the Supreme Court – and presented an excellent seminar and webcast on the issue in less than one month. The Section also provided scholarships for registration at the A&WMA Annual Conference and Exhibition to four worthy area students. Overall, it was a year to be proud of.

We all owe our thanks to the immediate Past-Chair, Robert Wells, as well as the Officers, Directors, and others who, through their work in organizing and conducting the Section's activities, made the year a success. And thanks also to all those who attended and participated in our activities – you are the measure of that success.

But the past year is past, and the new Board is moving forward ambitiously to build on this momentum. Your Board of Directors has adopted a new organization and new plans to move the section forward in 2005 – 2006. Most of these measures are intended to enhance Section participation, better serve our membership and promote education in the field. To this end, the Board has adopted several initiatives. These include:

Implement New Committee Structure – Since its inception, the concept of the Board's structure has been to provide a progression from general member to Board Director to Officer. To better realize this concept, train new Directors and Officers, and provide more opportunities for the membership, each Officer will automatically head a committee for their function – Program, Treasurer, Secretarial (Newsletter and Website), and Membership (membership, chapters, and students). A Director from the Board will serve as Vice-Chairman, and additional members to be drawn from the general membership. The overall Chairman of the Section will chair a new Executive Committee of the Officers.

Balance Section Membership and Activities – The Section has embarked on a program to increase the number and participation of both government and industrial members. To help attract new government members, the Board is considering the following:

- Special government rates for Section membership;
- Honorary section memberships for government staff that participate in Section conferences and meeting, possibly with automatic committee membership;
- Co-sponsoring more conferences/seminars with government agencies;
- Reductions in conference admission fees for government staff;
- Membership Committee/Section Chairman meetings with agency officials to gain support for additional agency participation in the Section; and
- Establishing better lines of communication with agencies to learn of upcoming issues, agency positions on topics.

Similarly, the Board is seeking to increase the numbers and involvement of Industrial-sector members by means of:

- Additional recognition of industry participants and their sponsoring companies;
- Expanding co-sponsorship of conferences/seminars with major industrial sector trade and other professional associations;

CHAIRMAN'S COMMENTS

- Evaluating establishing industry-specific caucuses within Section, perhaps as adjuncts to Planning Committee.
- Further targeting seminars highlighting issues pertinent to certain sectors;
- Sponsoring monthly/quarterly luncheons with regulators;
- Having one (or more) quarterly Newsletter(s) focus on a particular industrial sector – highlighting members and issues pertinent to that sector

Enhance Student Outreach – One of the basic principles of the Section's charter is to promote environmental education and support students in the air and waste management field. To that end, the Section plans to do the following:

- Convene a Student Activities Committee or Subcommittee of the Membership Committee;
- Work with faculty to organize Student Chapters;
- Have committee members work with institutions and chapters to educate students on skills needed in the field;
- Solicit involvement and regular student contributions to Newsletter;
- Have a "New Professional's Corner" in the Newsletter that provides practical advice to students and new professionals in the field;
- Have Board/Committee members attend Student Chapter meetings;
- Assure Section's Scholarship Program is well publicized and competitive; and
- Encourage companies to announce entry job openings to Student Chapters.

Finally, we want to **Assure LM-A&WMA Technical Programs Remain Timely, Technically Excellent, and Relevant to Member Concerns**. In the coming year, the Board and Program Committee will look for "Hot Topics" to which we can respond quickly with seminars and briefings. These have proven to be popular with our members, cost-effective to put on, and credit to the Section's image. Furthermore, the Board wants to:

- Continue to focus on the LM-A&WMA Newsletter for technical communication with our members – soliciting more technical articles from a wider circle of contributors;
- Refine the LM-A&WMA Website to make it more attractive and useful to our members as well as the prime repository of Section event proceedings, and links to important sources of information;
- Continue to use E-mail to communicate directly with the membership. It is by far the most economical, expeditious, and effective way to poll our members' opinions and inform everyone of Section events and issues.

All in all, these are ambitious but feasible plans. We have aimed high in our hope of better serving the Section's members, and believe that, implemented properly; these actions can open additional personal and professional opportunities. Now comes the work. Consider a committee you'd enjoy working on, call the appropriate Officer chairing that committee, and speak with them about volunteering your services. You'll be appreciated, have the opportunity to pick up some new skills, and cultivate some additional contacts in your field. Above all, we'll have some fun and learn something new.

Best wishes for the coming year.

Jeffrey Wentz
Chairman
LMSS-A&WMA

2005-2006 SEMINAR SCHEDULE

Below is the current conference schedule for 2005. If you are interested in assisting with any of the events please contact the conference chair or Programs Chair, James Powell at (262) 960-0017 or jim.powell@amec.com.

In an effort to control costs, we are always interested in offers of meeting space at reduced or minimal costs. If you can provide meeting space for an event, please contact the conference chair.

Date	Title/Topic	Location	Event Chair/s
June 28, 2005	1 st Annual Golf Outing	Lake Bluff Golf Course	Suresh Relwani (630) 393-9000
August 4, 2005	ABA/AWMA Program	Union League Club, Chicago	James Harrington (312) 849-8252 Carol Dorge (847) 295-7031
September ??	US EPA Waste Minimization Seminar	Milwaukee, WI	Jeffrey Wentz (773) 545-4027
September 29, 2005	ISBA Environmental Conference	Union League Club, Chicago	William Seith (630) 969-3300
October 4-5, 2005	Environmental Data Analysis Speciality Conference	Marriott-Oak Brook Oak Brook	Harish Rao (847) 695-8855 x106
October 6-7, 2005	Diesel Exhaust Speciality Conference	Marriott-Oak Brook Oak Brook	Edith Ardiente (312) 836-3920
October 27, 2005	Air Primer	Doubletree Hotel Oak Brook	James Harrington (312) 849-8252 Paul Farber (312) 269-2261
October 28, 2005	Annual Air Conference	Doubletree Hotel Oak Brook	James Harrington (312) 849-8252 Eric Boyd (312) 269-8903 Chris Blume (312) 541-4200 x271 Mark Roach (847) 991-6200 x2099 Perry Fisher (847) 825-1017 Bill Forcade (312) 923-2964
Oct./Nov. ??	State Agency Luncheon	Union League Club, Chicago	James Harrington (312) 849-8252
November ??	Clean-Up Bills	TBD	William Seith (630) 969-3300 Mike Reese (630) 281-8414 James Harrington (312) 849-8252 Robert Szczesniak (708) 588-7971
December ??	Annual Holiday Reception	IIT Stuart	George Nassos (312) 906-6543

1st ANNUAL LM-A&WMA GOLF OUTING



You are cordially invited to participate in the **Lake Michigan States Section's First Annual Golf Outing**. The outing will take place at the Lake Bluff Golf Club in Lake Bluff, Illinois. This event is being held on a Tuesday, so be sure to mark your calendar, and save **Tuesday, June 28, 2005** for a day of fun with your friends from LM-A&WMA. Attendance is limited to 70 participants and will be a shotgun format. Tee-off will begin at 1:00 p.m.

Prior to golfing you will have an opportunity to hit a small basket of balls at the range as well as enjoy a delicious quick lunch. Following a round of golf, you will be treated to appetizers and beer and wine while we recognize award winners. There will be ample opportunities to meet with fellow LM-A&WMA members before and after golf in a social setting.

PROPER ATTIRE REQUIRED: shirts must have collars, no cut offs, no tank tops, & no metal spikes.

The cost is **\$95** for members (or guests of members), **\$140** for non-members or **\$360** for a foursome. This includes driving range, lunch, green fees, golf cart, awards and an after golf cocktail reception. **Space is limited and will not be reserved until payment is received.** So please be sure we have your payment by June 17, 2005 to reserve your spot.

HOLE SPONSORSHIP

Anyone wishing to sponsor a hole (\$100) or donate a prize may contact Suresh Relwani via e-mail at srelwani@rka-inc.com or by phone at (630) 393-9000. Those parties who sponsor a hole will be recognized with a sign posted at the tee of one hole. Those donating prizes of **\$100** value or more (determined by the Golf Outing Chairman) will also have a posted sign. Other donated prizes will be honored on the registration hand out. All sponsors will be honored at the award ceremony. For hole sponsorship, please e-mail company name and logo to robin@lmawma.org and add \$100 to golf fees.

For questions, please contact Suresh Relwani via e-mail at srelwani@rka-inc.com or call (630) 393-9000. We look forward to your participation.

LM-A&WMA FIRST ANNUAL GOLF OUTING RESERVATION FORM

Name(s) of Golfer(s)	Company	Phone	Fee
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Main Contact E-Mail Address: _____		Hole Sponsorship	_____
		Total Enclosed	_____

A&WMA Member & Guest of Member \$95
 Non-Member \$140
 Hole Sponsorship \$100 (please include company information)
 Mail to: *LM-A&WMA, 11 Pleasant Hill Blvd., Palatine, IL 60067*

All reservations must be received no later than June 17, 2005!
Reservations for less than four (4) people will be filled at the discretion of the Golf Outing Chairman.

EMULSIFIED ZERO-VALENT IRON AN EMERGING TECHNOLOGY

By
James E. Huff, P.E. and Robert Szczesniak, P.E.
Huff & Huff, Inc.

There are between 15,000 and 25,000 sites in the United States where dense non-aqueous phase liquids (DNAPLs) are present according to the U.S. EPA. The DNAPL provides an on-going long term source of volatile organic compounds to groundwater. Much attention over the past decade has been focused on developing remediation strategies to effectively treat DNAPL source areas. At the NASA Kennedy Space Center, a new technology, emulsified zero-valent iron (EZVI) was recently demonstrated.

Technology Description

Zero-valent iron has been demonstrated to dechlorinate dissolved perchloroethylene (PCE), trichloroethylene (TCE), carbon tetrachloride (CT), and chloroform. The zero-valent iron is typically installed in permeable reactive barriers where the dissolved phase contaminants flow through the barrier. This technology relies on the transport of the contaminants and does not treat the source DNAPL. Delivery of zero-valent iron is both difficult and expensive.

EZVI uses nanoscale or microscale iron emulsified in a biodegradable vegetable oil with a food-grade surfactant. The iron particles are contained in water droplets emulsified within the oil. The DNAPL will partition preferentially into vegetable oil in the subsurface. The chlorinated compounds will encounter the zero-valent iron and react abiotically, replacing chlorine atoms from the contaminants with hydrogen. After several months, the oil begins to degrade, and further dechlorination continues biologically.

Advantages

As the vegetable oil is not mobile, the DNAPL that partitions into the oil is literally trapped until it is degraded. This results in an immediate drop in the dissolution rate of the contaminant, so groundwater

improvements occur in short order. The high concentration of contaminants (as in DNAPL) speeds the abiotic reaction, while processes that rely on biological dechlorination are inhibited at high concentrations of contaminants (as in DNAPL).

Delivery of EZVI is easier than with zero-valent iron, as conventional delivery methods may be used such as direct push injection, or hydraulic or pneumatic fracturing. The EZVI comes to the job site ready for injection, so the delays experienced with other products are eliminated.

When relying on biological dehalogenation, the nitrates must first be consumed, and to achieve complete dechlorination, sulfates must also be significantly reduced. With EZVI, the reaction is taking place within the oil phase, independent of the surrounding water nitrate and sulfate levels.

The specific gravity of the EZVI can be varied (by the iron content) for injections beneath the water table and for injections to float on the water table.

Performance

At NASA's Launch Pad 34, EZVI was injected through six wells, 16 to 24 ft below ground surface. In 90 days, four out of six soil borings had achieved greater than an 80 percent reduction in TCE. The other two borings showed no evidence of EZVI or reductions in TCE, attributed to delivery problems. TCE levels in the groundwater wells within the source area yielded the following results.

	TCE, mg/L	
	Range	Mean
Before Remediation	26-1,200	455
After 5 months	<0.02-720	154
After 19 months	<0.02-2.7	0.9

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Tert-Butyl Acetate (tBAC) A New Category of Exempt Solvent

By Jeffrey Wentz

On November 29, 2004, the USEPA added five new compounds to the list of chemicals exempted from the federal definition of VOC (volatile organic compound) – which is the same as Illinois' "volatile organic material" (VOM). Four of those compounds are simply treated as were the previously exempted VOCs. However, the fifth and potentially most important of the group, tertiary butyl acetate or tBAC, is treated differently and regulated unlike any other current pollutant.

Although tBAC is interesting due to its unique regulatory status, its real interest to industry is its potentially widespread application and advantages as a non-hazardous, non-VOM, and less expensive coating solvent. We'll cover the unique character of tBAC's regulation first, then touch on the properties of tBAC that have piqued industry's interest, and close with the projected schedule for its final regulatory approval in Illinois.

Since 1977, USEPA has removed 48 specific compounds or classes of compounds from the list of VOCs that contribute to smog formation. That is, they are unregulated as precursors to ozone formation. That list includes the following chemical solvents:

- Acetone
- Methyl acetate
- Volatile methyl siloxanes

- Parachlorobenzotrifluoride (PCBTF) – brand name Oxsol
- Methylene chloride

As of November 29, 2004, the USEPA similarly exempted these new compounds:

- 1,1,1,2,2,3,3-heptafluoro-3-methoxypropane (HFE-7000);
- 3-ethoxy 1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl) hexane (HFE-7500, HFEs702, T-7145, L-15381);
- 1,1,1,2,3,3,3-heptafluoropropane (HFC-227ea); and
- Methyl formate.

At that time, the USEPA also exempted tertiary butyl acetate or tert-butyl-acetate (tBAC). However, the exemption was conditional, exempting tBAC for the purposes of emissions limits, emissions control and VOC content requirements, but not for other requirements. tBAC will continue to be classified as a VOC/VOM for all record keeping, emissions reporting, photochemical dispersion modeling, and emissions inventory requirements.

From a practical standpoint, this means that companies would not have to include tBAC emissions in determining regulatory applicability thresholds (such as major or minor source applicability) or the VOM content of materials

such as inks and coatings. In fact, the only practical obligations tBAC regulation places on an individual company are to include tBAC in any photochemical modeling they may be required to do, to keep records of tBAC emissions, and to report them **as a separate category of emissions** in the Annual Emissions Report. Therefore, emissions of tBAC should not be included in the facility's reported total of VOM, but should be listed as a separate category.

USEPA did not change the tBAC's record keeping, reporting, and inventorying requirements because the compound's reactivity is near that of ethane - the current benchmark for exemptions, it has the potential for widespread use; and EPA wanted to track its long-term health effects.

Although it retains some regulatory requirements, industry is expected to be interested in tBAC because it is non-hazardous, negligibly photochemically reactive, and has desirable chemical properties that allow it to substitute for several popular solvents. It is a suitable solvent for a broad range of materials requiring an intermediate evaporation rate, low density, an acceptable flash point, and the ability to dissolve a large number of resins. Because it can be substituted for many more reactive solvents, USEPA expects companies to reformulate a

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2005 WASTE MANAGEMENT CONFERENCE

The 2005 Waste Management Conference was held on March 1 & 2 at the Holiday Inn Select in Naperville. The conference was very informative and well attended. The program included an industrial facility tour and a RCRA regulatory primer, as well as a full day of panel presentations.

On March 1st Mr. Bob Glavin and Ms. Amanda Hale from United Recycling Technologies, a electronics recycling company in West Chicago, hosted a tour of their state of the art electronic waste dismantling, sorting and recycling operation. LM-AWMA members and guests were then provided lunch and a question and answer discussion following the tour.

The tour was followed by a RCRA Regulatory Compliance primer training program held at the Holiday Inn Select in Naperville. The primer drew 27 people. Todd Dykton from Dykton and Associates donated his time to present this four-hour program.

On March 2nd key government officials from U.S. EPA, Illinois, Indiana and Wisconsin joined LM-AWMA members and guests to interact with and share information about current RCRA and waste water compliance programs in a full day of panel presentations. Bob Glavin from United Recycling Technologies teamed up with Lucy Stanfield from US EPA Region 5 to present regulatory and industrial perspectives on electronics waste handling and recycling. The full day program was also highlighted by a presentation from Mr. Charles Sutphin, Deputy Directory of U.S. EPA's Office of Superfund Remediation and Technology Innovation program in Washington, D.C.

The LM-AWMA wishes to thank United Recycling Technologies for hosting a tour and luncheon at their facility and Todd Dykton of Dykton & Associates for presenting the RCRA Regulatory Primer on March 1, 2005.





New Members (con't.)

Ellen Gallo

Gina Gallo

JP Morgan Chase

Gregory Gehrig

TRC.Environmental Corp.

Joan Gonzalez

Burns & McDonnell

Fred Gordon

Herman Miller, Incorporated

Gary Graham

Env. Consulting & Management

Mark Hanke

JohnsonDiversey Inc

Donald Higgins

Unimin Corp.

Phil Hutton

Hull & Associates, Inc.

Eric Jensen

Env. Monitoring & Tech.

Ruby Khan

Bradley University

Karen Kirchner

IIT - Stuart School of Business

John Kryl

City of Chicago Dept. of Env.

Andrew Leonard

France (Bob) Lewis

Andrews Env. Engineering, Inc

Michael Maxwell

Weaver Boos Consultants, Inc.

Paul Meneghini

Enbridge Energy

Herman Miller

Herman Miller, Incorporated

Ty Miller

Env. Contractors of IL Inc.

Todd Mintzer

William (Chuck) Moeser

Diamler Chrysler Corp.

Corinne Molln

Dave Moon

Terracon

Kovanda Nick

Env. Contractors of Illinois, Inc.

Brett Niemi

Louisiana Pacific Corp.

Kim Carlo Ocfemia

Univ. of IL-Urbana-Champaign

Gerald Retzlaff

STS Consultants, Ltd.

James Riebock

Archers Daniels Midland Co.

Patrick Sarb Sr.

Allstate Real Estate & Const.

Kevin Schnoes

City of Chicago Dept. of Env.

Karol Sole

Jacques Whitford

Katherine Stevens

Peoples Gas Light & Coke. Co.

Doug Stuart

Hull & Associates Inc.

Troy Stucke

Kohler Co.

Liz Stueck-Mullane

WE - ENERGIES

Kara Udarbe

USG Corporation

Donna Untiedt

Littelfuse, Inc.

Mark Varichak

Enbridge Energy

Judi Wasilewski

USG Corporation

Paul White

WE - ENERGIES

Ye Wu

Argonne National Laboratory

EMULSIFIED ZERO-VALENT IRON (CON'T.)

ContinIncreases in cis-1,2-dichloroethylene (DCE) and vinyl chloride accounted for 45 percent of the TCE destroyed, while complete dechlorination was achieved for the remaining TCE in 19 months.

More Information

EZVI is a patented technology by NASA. Huff & Huff, Inc. of LaGrange, Illinois holds a License Agreement with NASA for the manufacturing and injection of EZVI for reductive dehalogenation of DNAPLs. For more information, contact James Huff at 708-579-5940.

Tert-Butyl Acetate (tBAC) (CON'T.)

number of products with tBAC, including coatings, inks, adhesives, industrial cleaners, and photo-resistant strippers.

So, companies may ask when can they start using this material? The Illinois Pollution Control Board (IPCB) proposed adopting conforming regulations on March 3, 2005, and conducted a public hearing on April 12th. As of the date this article was written, the Board was expected to adopt the amendments on May 19th. If that date holds, the most probable effective date would be May 31, 2005.

MEMBER NEWS

Baxter Healthcare Corporation has been selected by the U.S. Environmental Protection Agency (EPA) as one of the agency's three inaugural Performance Track Corporate Leaders, a program recognizing corporate-wide environmental leadership.

The EPA has established this new designation for companies that meet a number of key criteria, including the involvement of a large number of facilities in the agency's Performance Track program, "beyond compliance" environmental performance and environmental excellence demonstrated at the corporate level. Baxter, Johnson & Johnson and Rockwell Collins are the first three recipients of this new EPA designation.



In selecting Baxter as a Performance Track Corporate Leader, the EPA cited Baxter's long-standing commitment to corporate environmental leadership, particularly related to innovative practices, supply chain performance and corporate governance.

"The Performance Track Corporate Leader designation recognizes companies for their strong environmental performance beyond current regulatory requirements," said EPA Acting Administrator Steve Johnson. "This voluntary partnership program is based on the premise that government should complement its existing regulatory program with new tools and strategies that not only protect people and the environment, but also capture opportunities for reducing cost and spurring technological innovation."

To qualify for this designation, the EPA requires that at least five of the company's facilities be Performance Track members, and 25 percent of the company's operations be either Performance Track members or members of similar performance-based state programs. In Baxter's case, eight of the company's 18 major U.S. facilities (44 percent of U.S. facilities) and two smaller U.S. facilities are already Performance Track members.

Building upon its focus on environmental excellence, Baxter has pledged to continuously improve its environmental performance and that of the company's suppliers and/or customers as part of its commitment as a Performance Track Corporate Leader. It has also committed to increase the number of facilities participating in the Performance Track program to at least 50 percent within five years of designation. Performance Track is a public/private partnership recognizing top environmental performance among participating U.S. facilities of all types, sizes and complexity.

"We are proud to receive this recognition from the EPA, and look forward to continuing our collaboration through the many valuable programs like Performance Track," said Robert L. Parkinson, Jr., Baxter's chairman and chief executive officer. "In sharing our own experiences and performance with others through programs such as these, we are constantly challenged to raise the bar and often come away with new ideas for product and process improvement."

Baxter's commitment to advancing environmental stewardship and social responsibility spans more than two decades. Baxter has been recognized by Innovest Strategic Value Advisors as one of the Global 100 Most Sustainable Corporations in the World, as one of the 100 Best Corporate Citizens by Business Ethics Magazine, and is the 2004 Medical Products Industry Leader in the Dow Jones Sustainability Index. Baxter is a member of the Boston College Center for Corporate Citizenship, the Business



B A X T E R (con't.)

Environmental Leadership Council of the Pew Center on Global Climate Exchange, the Chicago Climate Exchange, the U.S. EPA's Climate Leaders, the Ethics Officers Association and Hospitals for a Healthy Environment. Baxter endorses the Coalition for Environmentally Responsible Economies (CERES) principles and is an organizational stakeholder of the Global Reporting Initiative (GRI). To learn more about Baxter's sustainability initiatives, please visit <http://www.baxter.com/sustainability>. To learn more about the EPA Performance Track Program, please visit <http://www.epa.gov/performance-track/corporateleaders/index.htm>.



Stratus Environmental Awarded Trade Association MACT Contract

Stratus Environmental Solutions, Inc. has been awarded the American Home Furnishings Association (AHFA) contract for providing industry-wide MACT research and guidance related to the Plywood and Wood Composite Products MACT. Stratus Principal Dean Kaiser noted that the award allows the AHFA to leverage Stratus' extensive experience with the wood furniture manufacturing industry and the wood products industry in general. Additional information can be seen at www.strat.us, and at www.ahfa.us.

MEMBER NEWS

RMT, Inc. Congratulates Bob Scholz on Being Recognized with AFS Health and Safety Lifetime Achievement Award

Bob Scholz, Senior Consultant in RMT's Milwaukee office, has dedicated his career to improving the working environment in industrial facilities through his expertise in air pollution control engineering, industrial ventilation engineering, and industrial hygiene. On April 17, 2005, the American Foundry Society (AFS) recognized Scholz for his contributions with the EH&S Division 10 Childress-Loebler Lifetime Achievement Award.



brought a vision of improved EH&S performance to fruition through dedication, innovation, and perseverance."

Bob's contributions to the foundry industry include improving the working environment in foundries

by custom designing effective, efficient, and economic ventilation solutions. To Scholz, this award represents the pinnacle of a lifetime of service to the metal casting industry. "I have

had the privilege of working with foundries for many years, and strive to share the insights that I've gained through my experience," he expresses. "I have great respect for the industry and for those who help to shape its future. I am proud to have served with the individuals for which this award was named, and to be honored in their names."

The American Foundry Society presents this prestigious award to an individual who is committed to improving the environment or employee health and safety in metal casting-related industries. "The award goes beyond acknowledging mere compliance with government regulations," says Fred Kohloff of AFS. "It recognizes those who have

Platt Environmental Services Inc. is pleased to announce that **David Ozawa** has joined their staff. David brings with him 27 years of experience in air emissions testing. David can be contacted at (630) 521-9400.

Send Us Your News!

LM-A&WMA wants to share your news. Send your announcements of new employees, new location, awarding of a job, etc. to robin@lmawma.org. Your announcement will be included in the next issue of this newsletter. Newsletters are published on a quarterly basis.



Lake Michigan States Section
Air & Waste Management Association
11 Pleasant Hill Blvd.
Palatine, IL 60067

RETURN SERVICE REQUESTED

**LAKE MICHIGAN
STATES SECTION
2005-06 OFFICERS &
DIRECTORS**

Chair: **Jeffrey Wentz**

Vice-Chair: **James Powell**
AMEC

Secretary: **James Harrington**
McGuireWoods LLP

Treasurer: **Michael Reese**
Atwell-Hicks

Membership: **William Seith**
Total Environmental
Solutions, P.C.

National Rep: **Edith Ardiente**
A&WMA President
International Truck &
Engine Company

OutgoingChair: **Robert Wells**
Abbott Laboratory

Directors:

Christopher Blume, P.E.
GaiaTech, Inc.

Perry Fisher
ERM

Kevin Mattison
Illinois EPA Bureau of Air

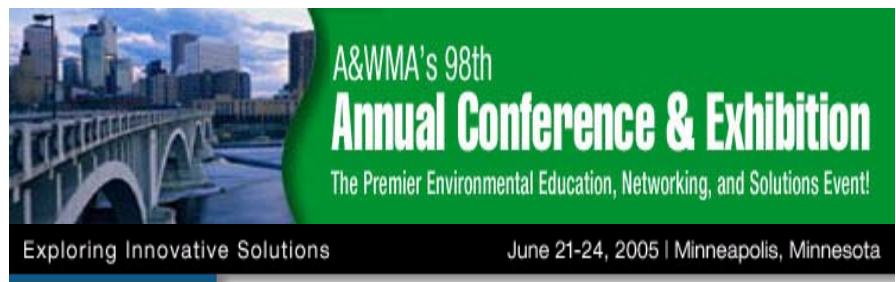
George Nassos
Illinois Institute of Technology
Stuart Graduate School of Business

Mark Roach
Clean Air Engineering

Suresh Relwani
RK & Associates

Carol Schweiger
DUR-O-WAL

Robert Szczesniak
Huff & Huff, Inc.



- Don't miss the Keynote address by Dr. Katherine E. Reed of 3M Environmental, Health & Safety Operations
- Catch the 2005 Critical Review on Nanoparticles and the Environment
- Choose from more than 150 outstanding Technical Sessions
- Find technology solutions at the Exhibition
- Enhance your career with a Professional Development Course
- Attend the 7th International Urban Air Quality Forum

See <http://www.awma.org/ACE2005/default.asp> for additional information or to register.