

WEST MICHIGAN ENVIRONET



A Newsletter of the West Michigan Chapter of the Air and Waste Management Association

October 2011

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Patty Birkholz (center) along with WMA&WMA Chair, Phil Komar (right) & Vice-Chair Brian Rice (left)

Director Birkholz discussed program developments in her Office, ranging from the Michigan Areas of Concern Program to Aquatic Invasive Species challenges for all Great Lakes. Director Birkholz's full presentation can be accessed from our member website at www.wmawma.org.



2011 Joint Environmental Conference

November 10, 2011

Lansing Community College, West Campus

Sponsored by: East & West Michigan Chapters of the Air & Waste Management Association & The Environmental Law Section of the State Bar of Michigan

Michigan Office of the Great Lakes Director Patty Birkholz Speaks at September Luncheon

The first West Michigan Chapter A&WMA 2011 Lunch and Learn session was a great success. We had the honor of hosting Director Patty Birkholz from the Michigan Office of the Great Lakes at Meijer Garden on September 13, 2011.

This annual event brings together environmental professionals from industry, government, environmental services, and the legal community to network and learn the latest issues and developments in today's rapidly changing environmental field.

Register at www.emawma.org

2012 West Michigan A&WMA Scholarship



The West Michigan Chapter of the Air & Waste Management Association (WMA&WMA) is pleased to announce the availability of three individual scholarships, each in the amount of **\$2,000.00** to be awarded to selected students pursuing a career in environmental studies. Preferred courses of study include environmental engineering, physical or natural sciences, or natural resources. Each successful applicant will also receive a student WMA&WMA membership.

Please note the deadline for submission of requested information is **November 15, 2011**. Applicants can submit an entire application package electronically or in hard copy.

At the start of the term for which the scholarship is sought, applicants must be attending full time and pursuing a course of study leading to a career in air pollution control, waste management or other environmental management field. Preferred courses of study include environmental engineering, physical or natural sciences, or natural resources. If in doubt as to the suitability of a curriculum or course of study, contact the Scholarship Chairperson. Applicants must be in or going into a Junior or Senior undergraduate class standing and have declared their major, or in or going into graduate school pursuing a graduate degree. Merit will be of primary interest, and the applicant should have at least a "B" average, (e.g., 3.0 on a 4.0 point scale). Extracurricular activities and interests will also be considered.



Please contact Brian Rice at brice@fveng.com to answer any questions about this announcement.

Greenhouse Gases and Title V Permitting

The US EPA promulgated the Greenhouse Gas (GHG) "Tailoring Rule" on June 3, 2010. This rule sets thresholds for GHG emissions that define when permits are required for new and existing facilities under the Prevention of Significant Deterioration (PSD) and Title V permitting programs. This action became necessary when the US Supreme Court found in 2007 that GHGs are air pollutants under the Clean Air Act. GHGs are considered the sum of carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆).

The Tailoring Rule sets forth the applicability criteria for both PSD and Title V. For Title V, as of July 1, 2011, any source with the Potential to Emit (PTE) of GHG emissions equal to or greater than 100,000 tons per year (tpy) of Carbon Dioxide Equivalents (CO₂e) and 100 tpy GHGs on a mass basis is subject to Title V.

If a source is newly subject to Title V as of July 1, 2011 due to GHGs, action needs to be taken by **July 1, 2012**. Options are:

1. Apply for a Renewable Operating Permit (ROP) before July 1, 2012.
2. Limit your potential to emit of GHGs by applying for an opt-out permit. This permit must be issued by the Air Quality Division (AQD) before July 1, 2012.
3. Make modifications to your facility to become a true minor source of GHGs before July 1, 2012. This can be done by making physical changes to the GHG emitting equipment at your facility.

What is CO₂e?

Carbon Dioxide Equivalent (CO₂e) is the internationally recognized measure for GHGs. When quantities of the different GHGs are multiplied by their global warming potentials (GWPs), the different GHGs can be summed and compared on a CO₂e basis. For example, CH₄ has a GWP of 21. This means that each ton of CH₄ emitted would have 21 times as much impact on global warming over a 100-year time horizon as one ton of CO₂ emissions. Therefore, one ton of CH₄ would equal 21 tons of CO₂e. By aggregating all GHGs on a CO₂e basis at the source level, a facility can evaluate its total GHG emissions contribution based on a single metric.

The AQD has developed a guidance document on calculating PTE for combustion equipment. This information can be found on the GHG webpage at: <http://www.deq.state.mi.us/aps/downloads/ghg/GHG.shtml>
Contact your AQD Inspector or the Office of Environmental Assistance at 800-662-9278 for further information.



Corporate Sponsors are vital to WMA&WMA. We'd like to extend our appreciation to ADAC Automotive for their continued support of our chapter and demonstrating their commitment by sponsoring at the gold level.

In 1972, A-Line Plastics was founded with three molding machines and six employees. Today ADAC employs over 1,000 associates in West Michigan and provides additional personnel for the VAST Alliance partners. Visit their website at www.adacplastics.com for additional info.

Guiding Principles

Essential to success for ADAC is compliance with these guiding principles:

QUALITY

ADAC will develop and incorporate the technology and systems to ensure process integrity and the production of consistent, superior products.

COST

ADAC will develop processes and products that are cost efficient and price competitive in the global marketplace.

DELIVERY

ADAC will provide consistent, timely delivery in accordance with customer requirements.

TECHNOLOGY

ADAC will embrace processes and systems that enhance the design and manufacture of best-in-class automotive products.

INTEGRITY

ADAC will treat customers, employees and all other stakeholders with fairness and respect.

IMPROVEMENT

ADAC will create and maintain a corporate attitude of unyielding and continually improving effort by everyone to ensure customer satisfaction.

Environmental Policies

ADAC Automotive is responsible for and committed to reducing adverse environmental impacts from its manufacturing activities, products, and services. Senior management at ADAC Automotive demonstrates this commitment through establishing, implementing and maintaining an environmental management system (EMS) in conformance to the ISO14001 EMS Standard.

The Statements of Practice identified below in ADAC's Environmental Policy are concise assertions of our environmental philosophy.

Statements of Practice:

1. We will utilize all elements of the EMS to demonstrate our commitment to the following:
 - Continual improvement of the EMS, resulting in an overall improvement of environmental performance and regulatory compliance.
 - Prevention of pollution from our new and existing processes that do have, or may have the potential for, significant environmental impacts.
 - Compliance with relevant environmental legislation and regulations.
2. We will maintain an Environmental Management Program to set and periodically review environmental objectives and targets created from the identified significant environmental aspects and associated impacts from our operations. The EMS Management Representative oversees the program, administers the other elements of the EMS and reports on their status to ADAC Automotive senior management to ensure continuing suitability, adequacy and effectiveness.
3. The Environmental Policy is communicated to all ADAC employees. Inquiries regarding ADAC Automotive environmental aspects and the EMS should be directed to the Environmental Health and Safety Manager at 616-957-0311.



2011-2012 CALENDAR OF EVENTS

West Michigan Chapter Air & Waste Management Association

Date	Event
September 14, 2011	Luncheon Program – Meijer Gardens: Director Patty Birkholz, Michigan Office of the Great Lakes
October 19, 2011	Facility Tour & Luncheon: Lithium Ion Battery Manufacturing Plant, Johnson Controls, Holland, MI
November 10, 2011	Joint Conference – Lansing Community College West Campus (Co-sponsored by WM-AWMA, EM-AWMA & Michigan Bar Assoc.)
January 18, 2012	Luncheon Program – Meijer Gardens: Due Care Development
February 8, 2012	Hazardous Waste Workshop – Meijer Gardens
March 21, 2012	Luncheon Program – Meijer Gardens: Air Regulatory Luncheon
April 26, 2012	Spring Conference – GVSU Eberhard Center
May 16, 2012	Luncheon Program – Meijer Gardens: Food Processing
June 12, 2012	Morning Technical Session/Lunch/Afternoon Golf Outing

Conferences, Workshops, and Training

ANNOUNCEMENT – The DEQ’s Office of Environmental Assistance (OEA) now accepts Visa, MasterCard, and Discover for all DEQ/OPPCA workshop payments!

- SEPTEMBER 29 – SESSION FULL** | **WEBINAR SERIES - INTRODUCTION TO HAZARDOUS WASTE REGULATIONS WASTE CHARACTERIZATION AND GENERATOR STATUS.** The DEQ Waste Characterization and Generator Status Webinar is the first in a series of upcoming “Introduction to Hazardous Waste Regulations” Webinars designed to help you understand and comply with the hazardous waste regulations. During this Webinar attendees will learn how to determine if a waste is considered a “hazardous waste” and how to use that determination to calculate a source’s generator status. These concepts are vital to understanding how to properly manage and dispose of hazardous waste. This Webinar is expected to last 1 hour and will be hosted by the DEQ’s Office of Environmental Assistance. The presenter will be Nadine Deak, RCRA Inspector with Resource Management Division’s Hazardous Waste Program. There is no registration fee. **Space is limited.** Reserve your Webinar seat now at <https://www1.gotomeeting.com/register/913214481>. Information Contact: **James Ostrowski**, Office of Environmental Assistance, 517-241-8057, or e-mail at ostrowskij2@michigan.gov. Registration Information: **Environmental Assistance Center**, 800-662-9278, or e-mail at deq-assist@michigan.gov.
- OCTOBER 6 and OCTOBER 13, 2011**
- OCTOBER 13-14, 2011** | **2011 CONFERENCE FOR THE U.S. GREAT LAKES AREAS OF CONCERN PROGRAM CELEBRATING PROGRESS; CONFRONTING CHALLENGES; MOVING FORWARD!, WESTIN BOOK CADILLAC HOTEL, DETROIT, MICHIGAN.** The annual Areas of Concern (AOC) conference will convene participants from the 30 U.S. AOCs to review recent developments affecting the AOC program; discuss approaches for implementing delisting targets; build capacity to implement on-the-ground restoration actions; identify opportunities to address AOC restoration priorities under the Great Lakes Restoration Initiative; improve linkages between the AOCs, LaMPs and other programs; and consider actions that will strengthen the regional U.S. AOC program. U.S. EPA Administrator Lisa Jackson has been invited to provide the keynote remarks and Dr. John Hartig will discuss his new book *Burning Rivers: Revival of Four Urban-Industrial Rivers that Caught on Fire*. The conference is intended for all parties involved in efforts to restore the U.S. Great Lakes Areas of Concern, including members of local AOC groups, state and federal agency staff, LaMP participants, academic partners, consultants, and others interested in the AOC program. The Michigan Department of Environmental Quality is a sponsor of this event. To register, visit <http://www.glc.org/rap/aocconference11.html>. For more information, contact **Matt Doss**, Great Lakes Commission, 734-971-9135 or mdoss@glc.org.
- OCTOBER 27, 2011** | **2011 MICHIGAN GREEN CHEMISTRY AND ENGINEERING CONFERENCE: ADVANCING INNOVATION FOR A SUSTAINABLE FUTURE, NORTH CAMPUS RESEARCH COMPLEX, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN.** The 2011 Michigan Green Chemistry and Engineering Conference continues the momentum of the green chemistry movement in Michigan. Green chemistry and engineering can revolutionize the way we work and live, by employing less toxic materials and processes in the manufacture and design of the products we use every day. While protecting human health and the environment, green chemistry and engineering can also help businesses create new markets, reduce costs, and gain a competitive edge. Come hear from leading experts in the fields of technology, chemistry, engineering, business process improvement, and economic development discuss advancements in green chemistry and engineering and how these innovations will lead Michigan to a sustainable future. Updated conference information is available on the Web at www.michigan.gov/greenup. Registration Information: **Environmental Assistance Center**, 800-662-9278, or e-mail at deq-assist@michigan.gov. Information Contact: **Jennifer Acevedo**, Office of Environmental Assistance, 517-335-3203 or e-mail at acevedoj@michigan.gov.

NOVEMBER 8-9, 2011

THE FUNDAMENTALS OF ASSET MANAGEMENT: A “HANDS ON” APPROACH, DOUBLE TREE HOTEL, NOVI, MICHIGAN. In many communities, the water and wastewater infrastructure is severely stressed from overuse, under funding of maintenance and renewal, and aging. *The Fundamentals of Asset Management* workshop, sponsored by the Michigan Rural Water Association, Michigan Department of Environmental Quality, and U.S. Environmental Protection Agency, will provide information on a comprehensive approach to managing these capital assets. This hands-on workshop will focus on demonstrating, step-by-step, how an agency would select and deploy “Best Appropriate Asset Management Practices” that are best suited to that agency. This training has been approved for 1.4 Continuing Education Credits in Water and Wastewater Managerial. To register, visit <http://www.mrwa.net/Training.aspx>. For more information, contact **Tim Neumann**, Michigan Rural Water Association, 989-539-4111 or tneumann@mrwa.net.

2011 PTI SERIES

NOVEMBER 9

AIR PERMIT APPLICATION WORKSHOP FOR FIRST-TIME APPLICANTS, CONSTITUTION HALL, LANSING, MICHIGAN. For most first-time applicants, completing the Permit to Install application is a daunting task. However, submitting a complete and timely application can be more manageable if you know what's expected. The Michigan Department of Environmental Quality is offering this workshop designed to give information on how to submit a complete permit application. Since this workshop is geared to first-time applicants, a significant portion of the session is devoted to your specific application. Air Quality Division permit engineers will be available to discuss your permit application with you one-on-one. To take full advantage of this time with the permit engineer, it is recommended you bring detailed information about your project with you to the session. This training is designed for first-time air permit applicants who need help completing their permit application; however, those who have applied before and need a refresher are welcome to attend as well. Registration fee is \$35 and includes workshop materials. Updated workshop information and registration is available on the Web at www.michigan.gov/deqworkshops, click on “Upcoming DEQ Workshops”. Information Contact: **James Ostrowski**, Office of Environmental Assistance, 517-241-8057, or e-mail at ostrowskij2@michigan.gov. Registration Information: **Environmental Assistance Center**, 800-662-9278, or e-mail at deq-assist@michigan.gov.

NOVEMBER 10, 2011

2011 JOINT ENVIRONMENTAL CONFERENCE - EAST & WEST MICHIGAN CHAPTERS OF THE AIR & WASTE MANAGEMENT ASSOCIATION & THE ENVIRONMENTAL LAW SECTION OF THE STATE BAR OF MICHIGAN, LANSING COMMUNITY COLLEGE, WET CAMPUS, LANSING, MICHIGAN. This annual event brings together environmental professionals from industry, government, environmental services, and the legal community to network and learn the latest issues and developments in today's rapidly changing environmental field. Confirmed speakers include Susan Hedman, U.S. EPA Region 5 Administrator, DEQ Division Chiefs, and Randy Gross, DEQ's Director of Regulatory Affairs. The complete program agenda and information on exhibitor opportunities and registration can be found on the Web at www.emawma.org.

CALENDAR

Editor: Barbara Lindsay
800-662-9278

The Michigan Department of Environmental Quality (MDEQ) will not discriminate against any individual or group on the basis of race, sex, religion, age, national origin, color, marital status, disability, or political beliefs. Questions or concerns should be directed to the MDEQ Office of Human Resources, P.O. Box 30473, Lansing, Michigan 48909.



BECOME AN AIR & WASTE MANAGEMENT ASSOCIATION WEST MICHIGAN CHAPTER MEMBER

Members of the international Air & Waste Management Association who reside in West Michigan are considered full members of the West Michigan Chapter. AWMA members from other geographical areas can join the West Michigan Chapter for a nominal fee. Membership benefits include a newsletter, invitations to local events, and reduced fees for these events. The Chapter also has a Local Associates (LA) membership for individuals who desire affiliation with the West Michigan Chapter only. Local Associates receive the newsletter, announcements, and local event discounts but cannot vote in AWMA elections or hold offices. A copy of the Local Associate membership form can be obtained from the WMAWMA website at www.wmawma.org, or by writing to:

**WEST MICHIGAN CHAPTER
AIR & WASTE MANAGEMENT ASSOCIATION
P.O. BOX 465
ADA, MI 49301**



VISIT THE WEST MICHIGAN CHAPTER'S
WEBSITE AT: WWW.WMAWMA.ORG



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mark.horne@enviro-partners.com