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## MICHIGAN - A LEADER IN NATIONAL GREEN BUILDING EFFORTS



Green building addresses energy efficiency, health, comfort, and the environment. One green building program, Leadership in Energy and Environmental Design (LEED), was developed by the US Green Building Council (USGBC) in the late 1990's. Michigan has a total of 290 LEED registered projects. Fifty-three of these are completed and certified as green buildings. These projects include commercial, government, health care, non-profit, educational and industrial buildings. A list of these projects is available at [www.michigan.gov/deqconstruction](http://www.michigan.gov/deqconstruction) or directly at [www.deq.state.mi.us/documents/deq-ess-p2-green-buildinglist.pdf](http://www.deq.state.mi.us/documents/deq-ess-p2-green-buildinglist.pdf).

Homes in Michigan are also becoming green. There are three active programs in Michigan that are greening homes.

1. In addition to certifying commercial and other buildings, LEED has a new home certification program. Michigan has 62 certified residential units--mostly in west Michigan. These projects are listed on the USGBC's residential Home construction page at [www.usgbc.org/DisplayPage.aspx?CMSPageID=147](http://www.usgbc.org/DisplayPage.aspx?CMSPageID=147). The USGBC provides additional green home resources at [www.greenhomeguide.org](http://www.greenhomeguide.org).
2. [Green Built Michigan](#) is a program of the Michigan Association of Home Builders. They have a 'green' home certification program. Information on the number of homes they've certified was not available.
3. [Energy Star](#) is a federal program that certifies energy efficient homes. The certification only addresses energy usage. Energy Star lists 207 Michigan home builders with over 2000 certified homes in Michigan.

Additional green building information can be found at the DEQ's Construction & Demolition web site at [www.michigan.gov/deqconstruction](http://www.michigan.gov/deqconstruction). General questions on green building can be directed to Maggie Fields at [fieldsm@michigan.gov](mailto:fieldsm@michigan.gov).

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## ***CLEAN CORPORATE CITIZENS CELEBRATE LONGEVITY AWARD AND NEW DESIGNATIONS***

Michigan's Clean Corporate Citizens (C3) Program celebrated another milestone on March 27, 2008, by recognizing 11 Michigan establishments with longevity awards for maintaining their C3 status for 5 years or more. At the award's event in Lansing, Department of Environmental Quality Director Steven E. Chester presented recycled green glass awards to nine C3s for successfully retaining their designation for five or more consecutive years. In addition, Director Chester presented Special Tributes signed by Governor Jennifer Granholm recognizing two C3s who have retained their designation for ten consecutive years.

The C3 program is a voluntary incentive program recognizing Michigan's top environmental performers. To qualify for a C3 designation, candidates must implement a facility-specific environment management system, adopt an active pollution prevention program, and have a consistent record of compliance with applicable state and federal environmental requirements. Designations are valid for two or three years and must be renewed at that time.

Join us in congratulating the following C3 Longevity Award winners:

### **Ten year awards:**

- **Chrysler Sterling Heights Assembly Plant**
- **Ford Motor Company - Van Dyke Transmission**

### **Five year awards:**

- **ADAC Automotive, 36th Street Plant - Grand Rapids**
- **Aleris International - Saginaw**
- **ARVCO Container Corporation - Kalamazoo**
- **Cascade Engineering Automotive Solutions - Grand Rapids**
- **Cyltec, LLC - Tecumseh**
- **Dapco Industries - Dexter**
- **General Motors Powertrain - Livonia Engine Plant**
- **General Motors - Orion Assembly Center**
- **TRW Automotive (Kelsey Hayes) - Fowlerville**

Congratulations to Michigan's newest C3s. These establishments clearly demonstrate that focusing on environmental management and pollution prevention while maintaining a strong environmental compliance record is a fundamental part of smart business strategy.

- **CWC Textron, Muskegon - Muskegon County, designated on April 20, 2007**
- **Circuit Controls Corporation, Petoskey - Emmet County, designated on May 31, 2007**
- **Grupo Antolin Michigan, Marlette - Sanilac County, designated on February 12, 2008**
- **Grupo Antolin Wayne, Canton Township - Wayne County, designated C3 on February 12, 2008**
- **MAHLE Industries Incorporated, Farmington Hills - Oakland County, designated C3 on February 25, 2008**

### **TEN YEAR AWARDS**



*Chrysler Sterling Heights Assembly Plant*



*Ford Motor Company-Van Dyke Transmission*

- **MAHLE Powertrain LLC**, Novi - Oakland County, designated February 25, 2008
- **Pilgrim Manor**, Grand Rapids - Kent County, designated C3 on February 25, 2008
- **U.S. Manufacturing Corporation**, Warren - Macomb County, designated on February 25, 2008

Project Manager and C3 mainstay, Kelie Bond, has moved to a new position within ESSD. Kelie was instrumental in the growth and development of the C3 program since its early stages. This position has been filled by Donna Davis, formerly with our Clean Air Assistance Program. Donna will be a great addition to the C3 program staff.

For more information on gaining recognition for your facility's environmental management and pollution prevention activities, contact **Donna Davis** at 517-335-2784, [davisd8@michigan.gov](mailto:davisd8@michigan.gov) or visit our C3 website at [www.michigan.gov/deqc3](http://www.michigan.gov/deqc3).

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### ***NEW FEDERAL FUEL CONTAINER REQUIREMENTS***

In case you have heard about some new regulations about gas and other fuel cans, those are new federal rules that affect portable fuel containers (PFC) manufactured in or after 2009. PFCs refer to any reusable container designed and marketed (or otherwise intended) for use by consumers for receiving, transporting, storing, and dispensing gasoline, diesel fuel, or kerosene. It pertains to all utility jugs that are red, yellow or blue in color, regardless of how they are labeled or marketed. PFCs include spouts, caps, gaskets, and other parts provided with the container.

If you are a PFC manufacturer or distributor, go to the information about the Final Rule: Control of Hazardous Air Pollutants from Mobile Sources (published February 26, 2007) at [www.epa.gov/otaq/toxics.htm#mobile](http://www.epa.gov/otaq/toxics.htm#mobile). Under the Final Rule heading, select pages 8527-8570 which takes you to [www.epa.gov/fedrgstr/EPA-AIR/2007/February/Day-26/a2667c.htm](http://www.epa.gov/fedrgstr/EPA-AIR/2007/February/Day-26/a2667c.htm) and scroll down to Subpart F--Control of Evaporative Emissions from New and In-Use Portable Fuel Containers (sections 59.600-59.611).

If you have questions about transporting PFC in your vehicle, see the Gasoline Transportation hazardous materials bulletin at [www.michigan.gov/documents/V02N01\\_97421\\_7.pdf](http://www.michigan.gov/documents/V02N01_97421_7.pdf). The Michigan State Police, Traffic Safety Division, oversees the regulations pertaining to transportation of gasoline and other fuels. Also see their related bulletins on fuel tanks mounted to vehicles and other fuel transportation topics at [www.michigan.gov/documents/msp/Hazardous\\_Materials\\_Bulletins\\_212350\\_7.pdf](http://www.michigan.gov/documents/msp/Hazardous_Materials_Bulletins_212350_7.pdf).

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### ***HAZARDOUS WASTE RULE REVISIONS***

The administrative rules to Part 111, Hazardous Waste Management, of Act 451 of 1994, have been revised. The revised rules became effective March 17, 2008. The revised rules and a [color strike/bold version](#) that shows the federal changes in red text and the state-initiated changes in blue text is available on line. Amendments relating to the federal RCRA changes include: air emission standards, universal wastes, wastewater treatment exemptions, hazardous waste combustors, and burden reduction initiatives. State-initiated amendments pertain to hazardous

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waste identification and listing, hazardous waste exemptions, universal wastes, manifesting, consistency with state's storage and handling of flammable and combustible liquids regulations, construction permit application content, and updates to the versions of other regulations adopted. The state's hazardous waste rules now adopt the 2006 editions of 40 CFR Parts 260-299. See R 299.11003 for specific dates of the adopted federal regulations.

If you have questions about these new rules, you may contact the **Waste and Hazardous Materials Division District Office** or call the **Environmental Assistance Program** at 800-662-9278 or email [deq-ead-env-assist@michigan.gov](mailto:deq-ead-env-assist@michigan.gov).

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### **COMPLIANCE ASSISTANCE CORNER**

Q: What do the August 2008 aboveground storage tank (AST) requirements mean to an existing tank owner?

A: The basic upgrade requirements for ASTs could potentially save the owner thousands of dollars in preventing costly leaks that require cleanup. The new rules require that your existing AST have spill, overfill and corrosion protection, and meet ONE of the approved upgrade requirements listed under Rule 221 of Part 2 of the FL/CL Rules by August 13, 2008. If the AST can not be upgraded, the owner could replace the current AST with a new AST that meets the standard or permanently close the tank by August 12, 2008.

*Compliance assistance staff are experienced department personnel in ESSD that specialize in another environmental program division. Staff provide one-on-one and referral assistance on calls received by the Environmental Assistance Center. If you have any environmental question on which you need assistance, call 1-800-662-9278.*

You should act as soon as possible. Without the protection provided by upgrading or replacing, your AST is more likely to leak, damage the environment, and leave you with costly cleanups. The advantages of acting early cannot be underestimated because if problems are found early, there is time to work on correcting the issues before the deadline, and you will be more likely to find a reliable company to do the tank upgrades.

You can find more information on the requirements for new AST systems in the Michigan Flammable/Combustible Liquids (FL/CL) Rules. Except where otherwise directed, questions concerning this document should be directed to the Michigan Department of Environmental Quality (MDEQ), Waste and Hazardous Materials Division, Storage Tank and Solid Waste Section, Storage Tank Unit at (517) 335-7211. To view the 'Don't Wait Until 2008' AST guidance document, please visit: [www.michigan.gov/deq/0,1607,7-135-3311\\_4115\\_4237-147768--,00.html](http://www.michigan.gov/deq/0,1607,7-135-3311_4115_4237-147768--,00.html).

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### **DEQ PRESENTS 2008 MICHIGAN ENVIRONMENTAL COMPLIANCE CONFERENCE**

The Michigan Department of Environmental Quality (DEQ) presents the 2008 Michigan Environmental Compliance Conference, to be held on June 5 in Boyne Falls, June 12 in Kalamazoo, and June 17 in Livonia. Conference attendees will receive a comprehensive overview of Michigan's

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environmental regulations straight from DEQ staff. Whether you are new to the environmental field or an experienced veteran, the Michigan Environmental Compliance Conference has something to offer everyone. Conference highlights include:

Four concurrent tracks with over 20 sessions on waste management, water and wastewater management, facility construction or expansion, environmental emergencies, and other issues. Also included will be the release of the *5th Edition of the Michigan Manufacturers' Guide to Environmental, Health, and Safety Regulations*, a plain-English guide explaining environmental, health, and safety regulations that affect businesses in Michigan; and an expert exhibit area providing one-on-one assistance with agency representatives.

This conference is designed for those responsible for making sure their company, municipality, or institution is in compliance with Michigan's environmental regulations. Environmental consultants, state and local officials, and anyone else interested in learning about the regulations and how to comply are also welcome.

Keeping up-to-date on the environmental regulations that affect your business is a tough job. Don't miss this opportunity to stay informed and save your organization time and money by learning how to achieve and remain in compliance!

Register early - this is sure to be a sell out! The registration fee of \$100 includes refreshments, lunch, and workshop materials. Register online at [www.michigan.gov/deqworkshops](http://www.michigan.gov/deqworkshops) (click on "Upcoming DEQ Workshops"). For registration information, contact the **Environmental Assistance Center** at 800-662-9278, or email [deq-ead-env-assist@michigan.gov](mailto:deq-ead-env-assist@michigan.gov).

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## **EVENTS**

**APRIL 11-13, 2008**

**AUTOMOTIVE RECYCLERS OF MICHIGAN'S 2008 TRADE SHOW AND CONFERENCE, SHERATON DETROIT NOVI, MICHIGAN.** This trade show and conference is intended for those involved in Michigan's automotive recycling

industry. The Michigan Department of Environmental Quality will have an exhibit at this event. For further information, contact the **Automotive Recyclers of Michigan, 800-831-2519**, or visit [www.automotiverecyclers.com](http://www.automotiverecyclers.com).

**APRIL 17, 2008**

**MEDICAL WASTE IN MICHIGAN, "THE GROVES" RESEARCH & TECHNOLOGY PARK, KALAMAZOO, MICHIGAN.** Hospital Network Healthcare Services & Bronson invite you to attend a one day seminar, covering the following topics: medical waste regulations in Michigan, reducing and managing pharmaceutical waste, and steps to take. The Michigan Department of Environmental Quality will have speakers at this event. For further information, contact **Jacqueline Jacobson** at 269-329-3200.

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APRIL 23, 2008

OCTOBER 22, 2008

MAY 28, 2008

NOVEMBER 26, 2008

JUNE 25, 2008

DECEMBER 17, 2008

SEPTEMBER 24, 2008

**MONTHLY 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. Online registration is available at [www.michigan.gov/workshops](http://www.michigan.gov/workshops), click on "Upcoming DEQ Workshops".

Registration Fee: \$25, which includes parking in the Ellis Parking Lot on the east side of Constitution Hall and training manual.

Information Contact: **James Ostrowski**, Environmental Science and Services Division, 517-241-8057, or email [ostrowskij2@michigan.gov](mailto:ostrowskij2@michigan.gov).

Registration Information: **Environmental Assistance Center**, 800-662-9278, or email at [deg-ead-env-assist@michigan.gov](mailto:deg-ead-env-assist@michigan.gov).

APRIL 29, 2008

**DATA QUALITY IN THE MODERN ANALYTICAL LABORATORY, EAGLE EYE BANQUET FACILITY, EAST LANSING, MICHIGAN.** Save the date! The Michigan Water Environment Association (MWEA) Laboratory Practices Committee, in cooperation with the Michigan Department of Environmental Quality Laboratory, the Michigan Environmental Laboratory Association (MELA), and the Michigan Section of the American Water Works Association (AWWA), will be conducting a one day seminar designed to educate environmental analysts and laboratory managers on new and emerging topics in our industry. Registration information for attendees and exhibitors will soon be available on the Web at [www.mi-wea.org](http://www.mi-wea.org) (under the calendar of events).

Information Contact: **John Parmentier**, MWEA Laboratory Practices Committee Chair, 734-462-3900 Ext. 210, or email [jcparmentier@paragonlaboratories.com](mailto:jcparmentier@paragonlaboratories.com).

MAY 1, 2008

**TOXIC CHEMICAL RELEASE INVENTORY (TRI) WORKSHOP - BEGINNERS COURSE, HOTEL BARONETTE, NOVI, MICHIGAN.** TRI reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA), also known as SARA Title III. Facilities in certain industry sectors that meet the criteria must submit reports for listed toxic chemicals and report releases and waste transfers of the chemicals as well as waste management activities. The U.S. Environmental Protection Agency Region 5 and Michigan SARA Title III Program are partnering to offer this full-day workshop for those who have little or no knowledge of reporting requirements of EPCRA Section 313. This beginner's course will cover the regulation in detail, including reporting changes for 2007, as well as Section 6607 of the Pollution Prevention Act (PPA) of 1990. Attendance is encouraged for facilities that are potentially subject to reporting

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under Section 313. A full brochure and online registration are available at [www.michigan.gov/deqworkshops](http://www.michigan.gov/deqworkshops), click on "Upcoming DEQ Workshops."

Registration Information: **Environmental Assistance Center, 800-662-9278**, or email [deg-ead-env-assist@michigan.gov](mailto:deg-ead-env-assist@michigan.gov).

Program Information Contact: **Ruth Borgelt**, Environmental Science and Services Division, **517-373-9804**, or email [borgeltr@michigan.gov](mailto:borgeltr@michigan.gov).

#### **MAY 1, 2008**

**TOXIC CHEMICAL RELEASE INVENTORY (TRI) WORKSHOP - ADVANCED COURSE, HOTEL BARONETTE, NOVI, MICHIGAN.** TRI reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA), also known as SARA Title III.

Facilities in certain industry sectors that meet the criteria must submit reports for listed toxic chemicals and report releases and waste transfers of the chemicals as well as waste management activities. The U.S. Environmental Protection Agency Region 5 and Michigan SARA Title III Program are partnering to offer this half-day workshop concurrently with the full-day Beginners Course. This advanced course is intended for those who are familiar with the reporting requirements of EPCRA Section 313. A full brochure and online registration are available on the Web at [www.michigan.gov/deqworkshops](http://www.michigan.gov/deqworkshops), click on "Upcoming DEQ Workshops."

Registration Information: **Environmental Assistance Center, 800-662-9278**, or email [deg-ead-env-assist@michigan.gov](mailto:deg-ead-env-assist@michigan.gov).

Program Information Contact: **Ruth Borgelt**, Environmental Science and Services Division, **517-373-9804**, or email [borgeltr@michigan.gov](mailto:borgeltr@michigan.gov).

#### **MAY 5-7, 2008**

**BROWNFIELDS 2008, COBO CENTER, DETROIT, MICHIGAN. FREE REGISTRATION IS NOW OPEN FOR BROWNFIELDS 2008-DETROIT CONFERENCE.** With nearly 7,000 attendees anticipated, over 150 educational sessions, more than 200 exhibitors, and unrivaled networking events - this National Brownfields Conference is the premier event of its kind and is co-sponsored by the U.S. Environmental Protection Agency (EPA) and the International City/County Management Association (ICMA). Brownfields 2008 includes timely and valuable knowledge and skill building workshops, exceptional business development and networking opportunities, brownfield redevelopment bus tours, a special developer tour, and hundreds of product and service providers in the exhibit hall to meet your project needs. Festivities actually begin on Sunday with a site tour of brownfield redevelopment sites in Monroe. **FREE REGISTRATION IS NOW OPEN!** Visit [www.brownfields2008.org](http://www.brownfields2008.org) to register, to learn the latest, and to sign up for the Brownfields 2008 e-newsletter. The Michigan Department of Environmental Quality is an official endorser of Brownfields 2008.

Information Contact: **Ronald Smedley**, Remediation and Redevelopment Division, **517-373-4805**, or email [smedleyr@michigan.gov](mailto:smedleyr@michigan.gov).

#### **MAY 8, 2008**

**ENVIRONMENTAL ISSUES FORUM, MICHIGAN CHAMBER OF COMMERCE, LANSING, MICHIGAN.** Navigating the many rules and regulations governing the use of water in Michigan, including the new 2006 legislation implementing comprehensive rules for water withdrawal, can be overwhelming. The Michigan Chamber has put together a comprehensive one-day seminar featuring legal professionals, Michigan Department of Environmental Quality personnel and other environmental professionals to address these legislative issues. Attend this seminar and learn which

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laws affect your business and how to avoid penalties and fines. For more information, call 800-748-0344 or visit <http://mcs2.michamber.com/semevent/ei08.asp>.

#### MAY 14-16, 2008

**Review Course - Certified Hazardous Materials Managers Exam, Yazaki Learning Center, Canton, MICHIGAN.** Tuition is \$400, payable in advance. (Scholarships are available for qualified candidates.) For additional information and online registration, go to [www.chmm-mi.org](http://www.chmm-mi.org) or call **Dr. William Lipton**, at 734-665-9033. The registration deadline is Wednesday, April 30, 2008. Registration after this date is subject to space and materials availability. DEQ will have an exhibit booth at this event.

#### JUNE 2008

**2008 MICHIGAN ENVIRONMENTAL COMPLIANCE CONFERENCE, VARIOUS LOCATIONS, MICHIGAN.** The Michigan Department of Environmental Quality is presenting this conference, which will offer four concurrent tracks with over 20 sessions on waste management, water and wastewater management, new facility construction or expansion, environmental emergencies, and more. All conference attendees will receive the brand new 5th Edition of the Michigan Manufacturers' Guide to Environmental, Health, and Safety Regulations. Registration will begin in March. Registration fee: \$100, includes refreshments, lunch, and workshop materials. A full brochure and online registration are available on the Web at [www.michigan.gov/degworkshops](http://www.michigan.gov/degworkshops), click on "Upcoming DEQ Workshops."

Registration Information Contact: **Environmental Assistance Center**, 800-662-9278, or email [deg-ead-env-assist@michigan.gov](mailto:deg-ead-env-assist@michigan.gov).

Information Contact: **Jim Ostrowski**, Environmental Science and Services Division, 517-241-8057, or email [ostrowskij2@michigan.gov](mailto:ostrowskij2@michigan.gov).

<u>Date</u>	<u>Location</u>
6/5/08	Boyne Mountain Resort - Civic Center, Boyne Falls
6/12/08	Radisson, Kalamazoo
6/17/08	Laurel Manor, Livonia

#### JUNE 27-29, 2008

**MICHIGAN ENERGY FAIR, MANISTEE COUNTY FAIRGROUNDS, ONEKAMA, MICHIGAN.** The Great Lakes Renewable Energy Association (GLREA) is presenting the 3rd Annual Michigan Energy Fair. This three-day event will unite people from throughout Michigan and the Great Lakes region to learn about energy issues and sustainable living. Attendees will have the opportunity to attend educational workshops; meet vendors offering valuable goods, services, and information; eat local food; and hear great live music. The Michigan Department of Environmental Quality will have an exhibit booth at this event. For more information, call 517-646-6269 or visit [www.glrea.org](http://www.glrea.org).

*If you are interested in participating in the development of any Environmental Science and Services Division event, please call **Mary Goodhall** at 517-241-7968 or email at [goodhallm@michigan.gov](mailto:goodhallm@michigan.gov).*