



Environmental Assistance Bulletin

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2010 MICHIGAN GREEN CHEMISTRY GOVERNOR'S AWARD NOMINATION PACKET RELEASED

The 2010 Green Chemistry Governor's Awards competition for Michigan was released. The awards, modeled on the Presidential Green Chemistry Awards Program, will honor industrial, academic, student, and non-profit efforts to green Michigan's economy. Again this year, the Award Program is announced by the Green Chemistry Roundtable, a group convened as a result of Governor Jennifer M. Granholm's Executive Directive on Green Chemistry. The Award Program is open to individuals, groups, and organizations in Michigan, both nonprofit and for profit, including academia, educators, nonprofit advocacy groups, and industry. All entries must be sent no later than August 6, 2010.

The Award Program recognizes advances that either incorporate the principles of green chemistry into chemical design, manufacture, or use; or that promote activities that support or implement those technologies. Green chemistry improves upon all types of chemical products and processes by constraining their impacts on human health and the environment relative to competing technologies.

Awards will be presented during the Green Chemistry Conference: A Catalyst for the Economy, scheduled to take place at the Kellogg Conference Center on the campus of Michigan State University on October 20, 2010.

Further information on the Michigan Green Chemistry Program, along with a copy of the nomination packet, is available on the DNRE Web site at www.michigan.gov/greenchemistry, or by calling the DNRE, Environmental Assistance Center at 800-662-9278.

CLOSING THE LOOP ON GASOLINE VAPORS: The New U.S. EPA Vapor Balance Standard

Gasoline is a valuable commodity. Gasoline vapors, which contain benzene, lead to the formation of ground level ozone, an air pollutant that triggers a variety of health problems including aggravated asthma, reduced lung capacity, and increased susceptibility to respiratory illnesses like pneumonia and bronchitis.

In the simplest of terms, vapor balance is equipment that reduces the amount of gasoline vapors released into the atmosphere when gasoline storage tanks are filled. During loading, the vapors travel through a hose from the storage tank to the tanker truck – a closed loop system - as opposed to escaping through the storage tank vent

pipe when a vapor balance system is not connected. The tanker truck then returns the vapors to the terminal where they can be recovered as gasoline.

What are the State Requirements?

To address this source of pollution, state rules developed in the early 1980's required stations located in the metropolitan areas of Flint, Grand Rapids, and Lansing and the Southeast counties of Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw, and Wayne to utilize vapor balance systems when their gasoline storage tanks were filled.

What are the Federal Requirements?

On January 10, 2008, the U.S. Environmental Protection Agency (U.S. EPA) finalized a National Emission Standard for Hazardous Air Pollutants (NESHAP) that applies to all gasoline dispensing facilities including retail gasoline stations, marinas, and private fleet refueling stations. Stations with a monthly gasoline throughput of 10,000 gallons or more are required to comply with best management practices and submerged filling requirements. All stations with a monthly throughput of 100,000 or more gallons of gasoline must utilize vapor balance when loading their storage tanks. Unlike the state rules, the federal standard requiring vapor balance does not discriminate based on the station's location. The NESHAP applies equally to urban metropolitan areas and rural areas of the state. Tests to determine the cracking pressure and leak rate of the pressure/vacuum vent valves and the static pressure of the gasoline storage tanks must be conducted initially and every three years thereafter. These stations are also subject to federal notification, recordkeeping, and reporting requirements. Stations subject to and complying with a state vapor balance requirement before January 10, 2008, do not have to conduct the above testing.

What are Tanker Truck Drivers Required to Do?

Drivers must use vapor balance equipment at all gasoline stations subject to the state rules and/or the federal NESHAP. Pressure/vacuum tests must be conducted annually on tanker trucks, the results submitted to the Michigan Department of Natural Resources and Environment (DNRE), and a copy of the annual results must be kept in the truck. The DNRE will review the results.

When do Gasoline Stations Need to be in Compliance with the Federal NESHAP?

Gasoline stations that began construction on or before November 9, 2006, need to be in compliance with the NESHAP by January 10, 2011. Gasoline stations that began construction after November 9, 2006, should be in compliance with the NESHAP now.

Who is Enforcing the NESHAP?

The U.S. EPA is the enforcing authority for the NESHAP. The notification forms must be sent to the U.S. EPA Region 5 office in Chicago, not to the DNRE. If you know of someone violating the NESHAP, you can submit information about the violation to U.S. EPA at www.epa.gov/compliance/complaints.

Where Can I Go For More Information?

For more information, call the DNRE's Environmental Assistance Program at 1-800-662-9278, or visit their Web site with links to various compliance assistance tools. One of those tools is a publication, entitled "Michigan Gasoline Station Owners & Tanker Truck Drivers: What You Should Know About Vapor Balance Systems, 2nd Edition." The Web site also contains links to the initial notification and notification of compliance form; the notification of performance testing form; acceptable testing methods; state rules; federal standard; and a video. Go to www.michigan.gov/air, select "Clean Air Assistance" and then "Gasoline Dispensing Facilities" under "Federal Regulations."

FREE TV AND COMPUTER RECYCLING FOR SOME MODELS

If you are a Michigan resident or small business and have a TV or computer to recycle, visit www.michigan.gov/deqwaste and click on "Electronic Waste Takeback Program," then "Registered Manufacturers." This Web page lists manufacturers with free recycling programs and their Web page with information on their recycling program. For questions on this program, contact the DNRE program coordinator, Matt Flechter, at 517-373-8422. If you have electronic equipment that is not collected and recycled through a manufacturer program, visit www.michigan.gov/deqwaste for information on additional recycling options.

TV AND COMPUTER RETAILERS: Be Sure Your Manufacturers are Registered with the DNRE

As of April 1, 2010, retailers are no longer allowed to sell TVs or computers produced by manufacturers who have not registered with the state of Michigan. Exceptions are made if the product was purchased by the retailer prior to April 1 or if the TV or computer is not used for personal or small business purposes in Michigan. A 2008 law established the Electronic Waste Takeback Program and requires all TV and computer manufacturers to register with the DNRE. As required by this law, all manufacturers must provide free and convenient recycling services (takeback) for households and small businesses.

Retailers are asked to check the DNRE Web site before purchasing TVs and computers from a manufacturer. Visit www.michigan.gov/deqwaste and select "Electronic Waste Takeback Program" for a list of registered manufacturers or to learn about the program and the law that enacted it.

COMPLIANCE ASSISTANCE CORNER

Question: How did 2009 PA 120 amend the Wetlands Protection Statute?

Answer: In November 2009, PA 120 was enacted to amend Part 303, Wetlands Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Several amendments were made that changed how the Department of Natural Resources and Environment (DNRE) administers Part 303.

PA 120 amendments include the following changes:

- ★ Provided statutory authority under Part 303 to develop Minor Project (MP) and General Project (GP) permit categories through a public notice process instead of administrative rules. This enables the DNRE to add or change existing MP and GP permit categories more rapidly as knowledge is gained about the need or impact of particular types of construction projects.
- ★ Adopted the Federal Wetland Delineation Manual as the method to determine the boundaries of wetlands. This amendment did not change the definition of a wetland under Part 303, but it changed the methodology used to determine where the boundaries between wetland and upland areas are located.

Compliance assistance staff are experienced department personnel in OPPCA 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.

- ★ Established the Wetland Advisory Council (WAC). The WAC is a citizen advisory board intended to evaluate the wetlands programs in the state, and provide advice for improving its effectiveness. Information on the WAC, its members, meeting calendars, agendas, and summaries can be found at www.michigan.gov/deq/0,1607,7-135-3313_3687-229608--,00.html.
- ★ Created two pilot programs to train several local governments and non-profit groups to assist property owners with completing wetland permit applications, and to establish wetland mitigation banks in urbanized counties of the state.

These changes were made with the intent of enabling the DNRE to administer the wetlands program more efficiently, and maintain the administration of Section 404 of the Federal Clean Water Act by the DNRE. Administration of Section 404 by the DNRE allows permit applicants to apply for one permit to receive both state and federal authorizations for regulated activities in wetlands, rather than being required to seek multiple permits. Michigan is one of only two states in the nation where this is possible.

Along with the passing of PA 120, the state secured stable funding to support administration of Part 303 and Section 404 by the DNRE for the near future, ensuring that it is possible to implement these changes, and continue to protect these valuable resources.

If you wish to learn more about PA 120, contact Mr. Todd Losee, of DNRE's Wetland Lakes and Stream Unit, at 517-335-3457 or loseet@michigan.gov.

ITRC NO-COST TRAINING COURSES

The Interstate Technology & Regulatory Council (ITRC) offers a wide variety of guidance documents and training courses on innovative environmental technologies and approaches specific to the areas of site characterization, monitoring and remediation as well as other environmental topics. ITRC is a state-led coalition working together with industry and stakeholders to achieve regulatory acceptance of environmental technologies. ITRC is a program of the Environmental Research Institute of the States (ERIS), a nonprofit corporation operating in support of the Environmental Council of the States (ECOS). Michigan is a member state.

Summarized below is the May-July 2010 schedule of upcoming no-cost Internet-based training courses provided by the ITRC. A complete list of course offerings can be found at www.itrcweb.org.

Upcoming Course Dates (registration opens 4-6 weeks in advance):

- May 13, LNAPL Part 2: LNAPL Characterization and Recoverability, 11:00 a.m. - 1:15 p.m. Eastern Time
 - May 18, Protocol for Use of Five Passive Samplers, 2:00 p.m. - 4:15 p.m. EASTERN TIME
 - May 20, LNAPL Part 3: Evaluating LNAPL Remedial Technologies for Achieving Project Goals, 11:00 a.m. - 1:15 p.m. Eastern Time
 - June 15, Phytotechnologies, 2:00 p.m. - 4:15 p.m. Eastern Time
 - June 22, In Situ Bioremediation of Chlorinated Ethene - DNAPL Source Zones 2:00 p.m. - 4:15 p.m. Eastern Time
 - June 29, Enhanced Attenuation of Chlorinated Organics: A Site Management Tool 2:00 p.m. - 4:00 p.m. Eastern Time
 - July 20, Use of Risk Assessment in Management of Contaminated Sites 2:00 p.m. - 4:15 p.m. Eastern Time
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- July 27, Quality Consideration for Munitions Response 2:00 p.m. - 4:15 p.m. Eastern Time

Note: All dates/times are subject to change – check www.itrcweb.org for the most up-to-date information.

Registration: <http://clu-in.org/studio/seminar.cfm> or www.itrcweb.org - select "Internet-based Training". Course registration opens 4-6 weeks prior to each course offering.

Associated Guidance Documents: Available from www.itrcweb.org. You can download the ITRC guidance documents that are the basis for the training materials - click on "Guidance Documents".

Archived Training Events: Archives of previous ITRC Internet training events are available for your convenience. Seminars are available for download at: <http://clu.in.org/live/archive.cfm?soft-title#itrc>. Courses are listed alphabetically (you may need to scroll down to find the class of interest).

For additional information, please contact Michigan's State Point of Contact (POC) Joe Rogers at: rogersj5@michigan.gov or (517) 373-9897.

2010 MICHIGAN ENVIRONMENTAL COMPLIANCE CONFERENCE (MECC)

June 3, 2010 - Treetops Resort, Gaylord

June 10, 2010 - DeVos Place, Grand Rapids

June 17, 2010 - Laurel Manor Banquet & Conference Center, Livonia

CONFERENCE OVERVIEW

The Michigan Department of Natural Resources and Environment (DNRE) is pleased to offer this comprehensive training opportunity designed to help you comply with your environmental requirements. Whether you are new to the environmental field or an experienced veteran, the Michigan Environmental Compliance Conference (MECC) has something for you. Three concurrent tracks include 16 sessions on waste management, wastewater management, air quality, and more! This means that you can tailor your learning experience by attending the sessions that are of importance to you and your job. All presentations will be given by experienced DNRE staff.

If you don't get your questions answered during the sessions, visit the "Expert Area." This area is devoted to one-on-one assistance and will provide you with an opportunity to network with DNRE staff and others who can help you comply with your environmental requirements.

WHO SHOULD ATTEND?

- Those responsible for making sure their company, municipality, or institution is in compliance with Michigan's environmental regulations
- Environmental consultants
- State and local officials
- Anyone else interested in learning about Michigan's environmental regulations and how to comply

In addition to a full day of training, all conference attendees will receive the brand new 6th Edition of the "Michigan Guide to Environmental, Health, and Safety Regulations" developed by the DNRE and the Department of Labor and Economic Growth. This plain-English guide provides a comprehensive overview of the environmental, health, and safety regulations that affect businesses in Michigan.

Register today at www.michigan.gov/dnreworkshops, click on "Upcoming DNRE Workshops."

Still not sure if the MECC is right for you? Call 800-662-9278 or email ostrowskij2@michigan.gov. Mr. Ostrowski will provide more details and even help you select which sessions to attend.

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 learn more!

EVENTS

MAY/JUNE, 2010

Brownfield Redevelopment Workshops, Various Locations, Michigan. The Michigan Department of Natural Resources and Environment is presenting the 2010 Brownfield Development Workshops to provide information related to brownfield redevelopment in Michigan. The Mount Pleasant and Escanaba workshops are open to anyone interested in brownfield redevelopment, while the Livonia and Kalamazoo workshops are limited to members of Brownfield Redevelopment Authorities and Local Units of Government. All workshops will provide State Agency Program updates and a discussion of policies, applications, instructions, guidance documents, templates, and other important information related to brownfield redevelopment in Michigan. Updated workshop information is available at www.michigan.gov/dnreworkshops, select "Upcoming DNRE Workshops". For registration information, contact the Environmental Assistance Center at 1-800-662-9278 or deq-ead-env-assist@michigan.gov. Information Contact: Carrie Geyer, Brownfield Program, 517-335-6871 or geyerc1@michigan.gov.

Date	Location
5/12/10	M-Tech, Kalamazoo Valley Community College
6/23/10	Bay de Noc Community College, Escanaba

MAY 16-19, 2010

Michigan Recycling Coalition Annual Conference and Trade Show, Renaissance Center, Detroit. Michigan's only statewide recycling association, the Michigan Recycling Coalition, will host its 28th Annual Conference & Trade Show this May. Conference sessions focus on a variety of recycling topics including electronics recycling, recycling in healthcare, alternative energy and jobs in recycling, commodity market trends, social marketing tools to expand education and outreach efforts, zero waste strategies, innovative programs to expand recycling in a variety of demographics, professional development tools, and more! The four-day event includes a special one-day training on how to apply the basics of interpretation to help develop effective programs and communication materials that successfully motivate positive behavior changes, as well as a variety of tours, and networking events for anyone interested in learning more about recycling in Michigan. DNRE staff are on the planning committee for this event. For more information, visit www.michiganrecycles.org.

MAY 20-21, 2010

Michigan Port Collaborative Spring 2010 Summit, Holiday Inn, Muskegon Harbor, Michigan. The mission of the Michigan Port Collaborative is to elevate the recognition and economic vitality of our port communities while protecting and promoting our Great Lakes and developing our coast as "Michigan's Front Door." In addition to providing valuable information and experts, the Summit will inaugurate the formal structure, bylaws and board of directors; explore the Port of Muskegon and its region through excursions, networking and presentations; identify assets and needs for Michigan's Great Lakes Ports; develop policy and budget priorities at the state, national and international levels; expand membership, both diversifying and strengthening our partnerships; and, initiate a five-year Strategic Plan. Updated Summit information is available at www.michigan.gov/dnreworkshops, select "Upcoming DNRE Workshops." Registration Information: Environmental Assistance Center, 800-662-9278 or

deq-ead-env-assist@michigan.gov. Information Contact: Carol Linteau, 517-241-7396, or linteauc@michigan.gov.

JUNE 2010

2010 Michigan Environmental Compliance Conference, Various Locations, Michigan. The Michigan Department of Natural Resources and Environment is presenting this conference, which will offer three concurrent tracks with over 15 sessions on waste management, wastewater management, air quality requirements, environmental emergencies, and more. All conference attendees will receive the brand new 6th Edition of the *Michigan* Guide to Environmental, Health, and Safety Regulations. Updated conference information is available at www.michigan.gov/dnreworkshops, select "Upcoming DNRE Workshops." Registration Information Contact: Environmental Assistance Center, 800-662-9278 or deq-ead-env-assist@michigan.gov. Information Contact: Jim Ostrowski, Office of Pollution Prevention and Compliance Assistance, 517-241-8057 or ostrowskij2@michigan.gov.

Date	Location
6/3/10	Treetops Resort, Gaylord
6/10/10	Devos Place, Grand Rapids
6/17/10	Laurel Manor, Livonia

2010 PTI SERIES

June 9, September 8, November 10

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 Natural Resources and Environment 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. Updated workshop information is available on the Web at www.michigan.gov/dnreworkshops, click on "Upcoming DNRE Workshops". Information Contact: James Ostrowski, Office of Pollution Prevention and Compliance Assistance, 517-241-8057 or ostrowsij2@michigan.gov. Registration Information: Environmental Assistance Center, 800-662-9278 or deq-ead-env-assist@michigan.gov.

JUNE 23, 2010

2nd Annual Michigan No Child Left Inside (NCLI) Summit, University of Michigan, Dearborn, Michigan.

This Summit is presented by the Michigan NCLI Coalition, a group dedicated to connecting Michigan's children to nature for their emotional, physical, and educational well being. The group is collectively working to rekindle this connection by promoting activities and policies that will support outdoor play and exploration, recreational opportunities, and hands-on environmental education. Updated summit information is available on the Web at www.michigan.gov/dnreworkshops, select "Upcoming DNRE Workshops." Registration Information Contact: Environmental Assistance Center, 800-662-9278 or deq-ead-env-assist@michigan.gov. Information Contact: Mary Goodhall, Office of Pollution Prevention and Compliance Assistance, 517-241-7968 or goodhallm@michigan.gov.

OCTOBER 20, 2010

2nd Annual Michigan Green Chemistry Conference: A Catalyst for the Economy, Kellogg Conference Center, Michigan State University, East Lansing, Michigan. The 2nd Annual Michigan Green Chemistry Conference continues the momentum of the green chemistry movement in Michigan. Now more than ever, Michigan organizations are transforming the way they do business with a focus on sustainability and the use of less-toxic materials and processes. Green chemistry can reinvigorate Michigan's economy through new processes and products that are safe and green from cradle to cradle. Come learn from leading experts in the fields of technology, chemistry, engineering, business process improvement, and economic development on advancing and sustaining green products and processes. Business leaders, engineers, chemists, researchers, teachers, policymakers, and anyone else interested in moving green chemistry forward in Michigan are invited to attend this event. Updated conference information is available on the Web at www.michigan.gov/greenup. Registration Information Contact: Environmental Assistance Center, 800-662-9278 or deq-ead-env-assist@michigan.gov. Information Contact: Jennifer Acevedo, Office of Pollution Prevention and Compliance Assistance, 517-335-3203 or acevedoj@michigan.gov.

If you are interested in participating in the development of any Office of Pollution Prevention and Compliance Assistance event, please call *Mary Goodhall* at 517-241-7968 or goodhallm@michigan.gov.