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DEQ OFFERING ONLINE LEARNING OPPORTUNITIES

The Department of Environmental Quality (DEQ), Environmental Assistance Program (EAP) has strived to improve the environmental compliance of Michigan's businesses through the use of various outreach tools such as phone consultations, publications, workshops, and permit coordination meetings. The EAP is expanding its outreach to include an online learning curriculum. This type of training can be viewed by the user at anytime, anonymously, and at no cost via the Internet.



All online sessions will be available on the DEQ's new online learning Web site. Go to www.michigan.gov/deqworkshops and select "Online Learning." Currently there is one tutorial available; however, many more are expected in the future.

Let us know what you think of this outreach tool. What topics should we cover in future tutorials? What other E-Learning tools would you find useful? Send your comments to **Dave Fiedler**, EAP Manager at **517-373-0607** or email fiedlerd@michigan.gov.

CHANGES TO THE MARCH 2009 HAZARDOUS WASTE INVOICES

The DEQ, Waste and Hazardous Materials Division will be mailing annual invoice packets for hazardous waste handler user and manifest processing charges in March 2009. The March 2009 packets will include manifest processing charges for manifests dated from October 1, 2007 through December 31, 2008. The manifest processing user charges from October 1, 2008 through December 31, 2008, are in addition to those traditionally invoiced annually due to a new law, Public Act 403 of 2008, which became effective January 6, 2009. Public Act 403 provides for a one

TABLE OF CONTENTS

<i>DEQ Offering Online Learning Opportunities</i>	1
<i>Changes to the March 2009 Hazardous Waste Invoices</i>	1
<i>Michigan Green Healthcare Committee Organized</i>	2
<i>Compliance Assistance corner: What are the primary requirements of the new electronic waste take-back Program established under Part 173, Electronics, of the NREPA</i>	3
<i>Events</i>	4

time capture of three additional months of manifest user charges to make the manifest processing billing cycle consistent with the hazardous waste handler user charge billing cycle. In years following the March 2009 billing cycle, both the handler user and manifest processing charge billing cycles will be based on a calendar year, January 1 - December 31, and will reflect the activities occurring during the preceding year. Payment for the invoice packets is due April 30, 2009 and biennial reports are not due this year.

For additional information about user charges, go to www.michigan.gov/deq and select "Waste," "Hazardous and Liquid Industrial Waste," "Hazardous and Liquid Industrial Waste Management," and look under the information heading for "Hazardous Waste User Charges and Invoice Packets." Facilities that have not received an invoice package by early April 2009 or have questions about differences in facility records compared to the DEQ records, should e-mail deg-hwusercharges@michigan.gov or call the DEQ User Charge Line, WHMD, at 517-335-5318.

MICHIGAN GREEN HEALTHCARE COMMITTEE ORGANIZED

The Michigan Department of Environmental Quality, in partnership with Michigan Health and Hospital Association and several Michigan hospitals, have formed the Michigan Green Healthcare Committee (MGHC). MGHC was created to encourage and support sustainability initiatives that improve public and environmental health in Michigan.

The committee is committed to the following goals:

- Adopt sustainable strategies in Michigan healthcare facilities
- Meet environmental, economic and social objectives
- Develop and disseminate educational materials
- Examine ecological issues facing the healthcare industry
- Propose and create joint initiatives with key stakeholders
- Generate sustainable ideas and initiatives to respond to emerging needs and concerns

MGHC will examine ecological issues facing the healthcare industry while working closely with healthcare institutions, government agencies, environmental professionals and other key stakeholders to achieve its goals.

Please contact Mr. Michael Young at 989-894-6238 for more information.

COMPLIANCE ASSISTANCE CORNER

Question: What are the primary requirements of the new electronic waste (e-waste) take-back program established under Part 173, Electronics, of the Natural Resource and Environmental Protection Act (NREPA)?

Answer: Part 173 of the NREPA is a new law that establishes a household and small business (those employing 10 employees or fewer) computer and television take-back program to promote e-waste recycling in Michigan. It requires all manufacturers selling new computers and televisions in Michigan to register with the Department of Environmental Quality (DEQ) and pay an annual registration fee of \$3,000 by October 30, 2009. After April 1, 2010, all retailers, including internet, catalog, manufacturer direct, and in-state retailers, can only sell new computers and televisions manufactured by registered manufacturers.

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.



The manufacturer registration required under Part 173 must include specific details on the manufacturer's e-waste take-back program. The take-back program must be free and convenient for consumers. Manufacturers are required to establish and maintain a website and to otherwise inform consumers about how to recycle the covered equipment. Computer manufacturers are only required to take-back devices they manufacture, whereas television manufacturers are required to take-back all television brands, regardless of the manufacturer. Annually manufacturers must submit information on the total weight of the covered electronic devices collected by the take-back program, the processes and methods used to recycle or reuse the covered electronic devices, and the identity of any collector or recycler with whom the manufacturer contracts for the collection and recycling of covered electronic devices received from consumers.

Recyclers of covered electronic equipment must also register with the DEQ by October 30, 2009, and pay an annual fee of \$2,000. Recyclers must certify that they are recycling in a manner that complies with federal and state laws, including rules promulgated by the DEQ, and local ordinances, and they must employ industry-accepted procedures for the destruction of data. Recyclers must maintain a documented environmental, health, and safety management system that may be audited and is compliant with or equivalent to ISO 14001. Recyclers must also annually report the total weight of covered electronic devices recycled during the previous year and maintain records identifying all persons to whom the recycler provided electronic devices or materials for further processing.

The DEQ is currently working on implementing the newly created law. Updated information and forms will be posted on the DEQ website at www.michigan.gov/deqwaste as they become available. For further information, you may also contact the **Environmental Assistance Center** at **800-662-9278**.

EVENTS



FEBRUARY 2009

1:00 p.m. - 4:30 p.m.

2009 INTRODUCTION TO MAERS (MICHIGAN AIR EMISSIONS REPORTING SYSTEMS) WORKSHOP, various locations, Michigan.

The 2009 Introduction to MAERS Workshop takes participants step by step through the new MAERS version 2008.0.0 software on computers. This hands-on training is designed for those who are new to MAERS or those who need more comprehensive training on the concepts and software. Workshop participants will learn MAERS software basics, how to complete the electronic forms and submit your report to DEQ, and how to avoid common mistakes encountered when completing and submitting your MAERS report. Workshop attendees will receive the "MAERS Workbook" and other guidance materials.

Registration fee: \$75. A full brochure and online registration form are available on the Web at www.michigan.gov/deqworkshops, click on "Upcoming Workshops."

Information Contact: **Jim Ostrowski**, Environmental Science and Services Division, 517-241-8057, or ostrowskij2@michigan.gov.

Registration Information: **Environmental Assistance Center**, 800-662-9278, or deq-ead-env-assist@michigan.gov.

<u>Date</u>	<u>Location</u>
2/10/09	MTEC at Kalamazoo Valley Community College
2/12/09	VisTaTech at Schoolcraft College, Livonia
2/19/09	Lansing Community College, West Campus, Lansing
2/24/09	VisTaTech at Schoolcraft College, Livonia

FEBRUARY - MARCH 2009

MICHIGAN ENVIRONMENTAL EDUCATION CURRICULUM SUPPORT (MEECS) TRAINING WORKSHOPS, various locations, Michigan.

The Michigan Department of Environmental Quality is pleased to announce that Michigan is among only a handful of states in creating its own environmental education curriculum known as the MEECS. This project is designed to provide students in grades four through nine with an opportunity to learn about their environment through five curriculum units: Air Quality, Ecosystems & Biodiversity, Energy Resources, Land Use, and Water Quality. A table with workshop dates, times, and locations for the teacher training MEECS workshops is available on the Web at www.michigan.gov/deq-meecs. Click on, 'MEECS Workshops.' Please check for updates on the MEECS Web site as workshops continue to be scheduled.

Registration Fee: Low cost. Varies by location.

Registration Information: Varies by location, see Web brochure.

Information Contact: **Thomas Occhipinti**, Executive Division, 517-373-2379, or occhipintit@michigan.gov.

<u>Date</u>	<u>Topic</u>	<u>Location</u>
02/13/09	Energy	Boardman River Nature Center, Traverse City
03/05/09	Air	Renaissance Center, Detroit
03/05/09	Ecosystems	Renaissance Center, Detroit
03/05/09	Energy	Renaissance Center, Detroit
03/05/09	Land	Renaissance Center, Detroit
03/05/09	Water	Renaissance Center, Detroit

2009

FEBRUARY 11, APRIL 8, JUNE 10, SEPTEMBER 9, NOVEMBER 4

8:30 a.m. - 12:00 p.m.

AIR PERMIT APPLICATION WORKSHOP FOR FIRST-TIME APPLICANTS, Constitutional 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 on the Web at www.michigan.gov/deqworkshops, 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 ostrowskj2@michigan.gov.

Registration Information: **Environmental Assistance Center**, **800-662-9278**, or deq-ead-env-assist@michigan.gov.

FEBRUARY 11, 2009

14th ANNUAL HAZARDOUS WASTE MANAGEMENT WORKSHOP, Meijer Gardens, Grand Rapids, Michigan. This workshop is for those who are new to the field of hazardous waste management and for those who desire a review and update of hazardous waste regulations and compliance issues. DEQ will have speakers at this event.

For additional information, go to www.wmawma.org or contact **Jill Kamp** at **616-956-1910** or jkwma@comcast.net.

FEBRUARY 14-22, 2009

51st ANNUAL DETROIT BOAT SHOW, Cobo Center, Detroit, Michigan. The Detroit Boat Show, produced by Michigan Boating Industries Association (MBIA), will showcase hundreds of boats with the latest engineering, design, materials and colors for new boats of all types and sizes: sleek racing yachts, runabouts, personal watercrafts, pontoons, fishing boats, ski and wakeboard boats, inflatables, cabin cruisers, paddleboats and bowriders. DEQ will have educational information available at this event.

For more information, go to www.detroitboatshow.net, or call the **MBIA** at **800-932-2628**.

FEBRUARY 23, 2009

CLEAN UP YOUR DIESEL ENGINES! A GRANT WRITING WORKSHOP FOR PUBLIC TRANSPORTATION PROVIDERS, Lansing Community College, West Campus, LANSING, MICHIGAN. The U.S. EPA and other federal agencies are offering competitive federal grants to help public agencies upgrade their diesel engines to lessen pollution and improve air quality. Attend this workshop if: you oversee state, county, municipal or school bus fleets or transit authorities; you contract with school districts, municipalities, or counties to provide transportation or other diesel engine equipment; you work at a port authority or locomotive switchyard where diesel engines are used; you lease

transportation or construction equipment to state, municipal or county agencies; or, you are a non-profit institution that has air quality or transportation as its focus. Register today for your opportunity to learn about these federal dollars! A full brochure and online registration are available on the Web at www.michigan.gov/deqworkshops, click on "Upcoming DEQ Workshops."

Registration fee is \$30.

Registration Information Contact: **Environmental Assistance Center**, 800-662-9278, or deq-ead-env-assist@michigan.gov.

Information Contact: **Donna Davis**, Environmental Science and Services Division, 517-335-2784, or davisd8@michigan.gov.

FEBRUARY AND MARCH 2009

COTTAGE & LAKEFRONT LIVING SHOWS, Novi and Grand Rapids, Michigan. These shows highlight lakefront living in Michigan with exhibits and speakers on topics related to owning and enjoying lakefront property. The DEQ will have a booth at these events promoting shoreline preservation. Tickets are available online.

Fee: \$9.00 for adults, \$4.00 for children aged six to fourteen years, and free for children under five years of age.

For information on the Novi event, visit www.showspan.com/CLD/Home.aspx.

For information on the Grand Rapids event, visit www.showspan.com/CLG/Home.aspx.

<u>Dates</u>	<u>Location</u>
2/26/09-3/1/09	Rock Financial Showplace, Novi
3/27/09-3/29/09	DeVos Place, Grand Rapids

MARCH 5-7, 2009

MICHIGAN SCIENCE TEACHERS ASSOCIATION ANNUAL CONFERENCE AND MEECS PRECONFERENCE TRAINING, Detroit Marriott Renaissance Center, Detroit. The Michigan Department of Environmental Quality (DEQ) is holding five pre-conference Michigan Environmental Education Curriculum Support (MEECS) training workshops on March 5, 2009. Registration is available for these workshops on the Web at www.michigan.gov/deqworkshops. To register for the pre-conference trainings click on 'Upcoming Workshops.' Registration Fee: \$35.00. The DEQ is also holding two informational sessions during the conference on March 5-7, 2009. The sessions will include an overview of the MEECS curriculum as well as an update on DEQ environmental education activities. Throughout the duration of the conference, the DEQ is exhibiting a booth to display MEECS general information.

Information Contact: **Thomas Occhipinti**, Executive Division, 517-373-2379, or occhipintit@michigan.gov.

General conference information is available on the Web at www.msta-mich.org/conference.

MARCH 12-15, 2009

17th ANNUAL SPRING BOATING SHOW, Rock Financial Showplace, Novi Michigan. The Spring Boating Show, produced by Michigan Boating Industries Association (MBIA), will showcase hundreds of new 2009 and new overstocked 2008 model boats, motors, and trailers. There will be over 100 exhibitors showing boats for skiing, fishing, and cruising up to 32 feet in length, plus, personal watercraft; electronics; accessories; dockage; canvas; docks; hoists and much, much more. DEQ will have educational information available at this event.

For more information, go to www.springboatingexpo.net or call the MBIA at 800-932-2628.

MARCH 17-18, 2009**19th ANNUAL ENGINEERING SOCIETY OF DETROIT/MICHIGAN WASTE INDUSTRIES**

ASSOCIATION SOLID WASTE TRAINING DAY AND TECHNICAL CONFERENCE, Kellogg Hotel & Conference Center, East Lansing, Michigan. The Engineering Society of Detroit and the Michigan Waste Industries Association is sponsoring this event. Industry leaders will speak on emerging technologies & regulatory changes impacting the solid waste industry. Presentations and case studies will address solid waste management issues. A training day on March 17 will focus on landfill gas and liquids management. The conference on March 18 will feature climate change issues that affect the solid waste industry. This is an opportunity to network with local specialists, regulators and other professionals in the field. DEQ will have speakers present.

Register online at www.esd.org or call 248-353-0735, ext. 4111.

MARCH 19, 2009

CHMM-MI ANNUAL CONFERENCE, Yazaki Learning Center, Canton, Michigan. This event will feature updates from DEQ, MIOSHA, and the national Alliance of Hazardous Materials Professionals, followed by technical sessions on environmental and safety issues.

Registration fee of \$125 (\$95 for CHMM-MI members, \$45 for full time students) includes continental breakfast and lunch.

For information and online registration go to www.chmm-mi.org.

MARCH 26, 2009

FUGITIVE DUST MANAGEMENT FOR ROADS AND SURFACE LOTS, Laurel Manor, Livonia, Michigan. The Michigan Department of Environmental Quality is presenting a fugitive dust management workshop and vendor exposition that will provide information on how to control fugitive dust on paved and unpaved roads and lots at public and private facilities. At this $\frac{1}{2}$ day workshop, attendees will receive an overview of regulations and health issues, a profile of dust control methods, advice on efficient worksite management practices, success stories on dust management, and information about the costs involved in dust prevention and reduction. Vendors will showcase their products and services designed to control fugitive dust. This workshop is recommended for owners and managers of paved and/or unpaved surface lots and/or roads, including municipalities, businesses, and any organization with fugitive dust issues. A full brochure and online registration are available on the Web at www.michigan.gov/deqworkshops, click on "Upcoming DEQ Workshops."

Registration fee is \$30.

Registration Information Contact: **Environmental Assistance Center**, 800-662-9278, or deq-ead-env-assist@michigan.gov.

Information Contact: **Jennifer Acevedo**, Environmental Science and Services Division, 517-335-3203, or acevedoj@michigan.gov.

APRIL 22, 2009

TAKE THE BITE OUT OF DENTAL AMALGAM WASTE, Lansing Center, Lansing, Michigan.

Wastewater treatment facilities everywhere are working diligently to comply with stringent federal effluent limits for mercury. This workshop will identify and refine ideas for reducing discharges of dental amalgam, a major source of mercury for these sewerage systems. Speakers will present pertinent information concerning amalgam use in dentistry, technologies and best management practices that reduce amalgam discharges. Course participants will obtain detailed knowledge regarding dental amalgam best management practices and regulatory approaches; examples of educational materials, ordinances, and reporting forms; and suggestions for outreach and measuring progress. In addition,

several model community case studies will be presented featuring innovative and successful approaches. Participants will also learn the key aspects of effective operation and maintenance of amalgam separators. DEQ is on the planning committee for this event. The registration fee of \$50 includes continental breakfast and lunch. To register, call the Michigan Dental Association at 1-800-589-2632 ext. 402 or visit the MDA's Website at www.smilemichigan.com - click on Dental Professionals, then Continuing Education then Annual Session. Pre-registration deadline is March 23, 2009. After 3/23/09 all registration is on-site.

APRIL - MAY 2009

2009 SARA TITLE III TIER TWO, TOXIC CHEMICAL RELEASE INVENTORY, AND ANNUAL WASTEWATER REPORTING WORKSHOPS, Various Locations, Michigan. This workshop will focus on the reporting requirements for Title III of the Superfund Amendments and Reauthorization Act (SARA Title III), also known as the Emergency Planning and Community Right-to-Know Act of 1986; and the Wastewater Reporting rules under Part 31 of the Natural Resources and Environmental Protection Act of 1994. SARA Title III covers facilities that handle hazardous or toxic chemicals and includes hazardous chemical inventory reports, emergency hazardous chemical releases, emergency planning, and toxic chemical release reporting. The Wastewater Reporting rules require facilities that discharge wastewater to the waters of the state or to a sewer system to submit an Annual Wastewater Report. The workshop will also highlight the toxic chemical release inventory (TRI) report that is due July 1. Attendees will receive basic information on all of the reporting requirements and the associated online reporting programs. All attendees will also receive the 7th edition of the Michigan Facilities' Guide to SARA Title III, Emergency Planning, and Release Reporting. A full brochure and online registration will soon be available on the Web at www.michigan.gov/degworkshops, click on "Upcoming DEQ Workshops." Registration Information Contact: **Environmental Assistance Center, 800-662-9278**, or deg-ead-env-assist@michigan.gov.

Information Contact: **Ruth Borgelt**, Environmental Science and Services Division, **517-373-9804**, or borgeltr@michigan.gov.

<u>Date</u>	<u>Location</u>
4/28/09	Northern Michigan University, Marquette
4/30/09	Park Place Hotel, Traverse City
5/1/09	Treetops Resort, Gaylord

MAY 13-15, 2009

CHMM REVIEW COURSE, Yazaki Learning Center, Canton, Michigan. This is an intensive review to help candidates prepare for the Certified Hazardous Materials Manager exam. The enrollment fee of \$400 includes course materials, continental breakfasts and lunches. DEQ will have an exhibit at this event. For further information and online registration go to www.chmm-mi.org.

JUNE 16-19, 2009

AIR & WASTE MANAGEMENT ASSOCIATION'S 102ND ANNUAL CONFERENCE & EXHIBITION, Cobo Center, Detroit, Michigan. Don't miss your chance to network with thousands of environmental professionals from around the world at ACE 2009. The national conference will feature a technical program boasting over 500 speakers, hundreds of exhibitors displaying the newest products and services, social tours and networking events, and professional development courses taught by leading instructors. The ACE 2009 Keynote Program will feature presentations by: Gerard M. Anderson, President and Chief Operating Officer, DTE Energy, John D. Dingell, Congressman, Michigan's 15th District (invited), Christopher Flavin, President, Worldwatch Institute, and Beth Lowery, Vice

President for Environment, Energy and Safety Policy, General Motors. DEQ is on the planning committee for this event. Visit www.awma.org/ACE2009 for more information.

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.
