



P2 NEWS

Pollution Prevention News for the use of our Clients

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NEWS

1. Discarded Equipment Containing Mercury Now Managed as Universal Waste

The Environmental Protection Agency (EPA) is taking another major step to eliminate mercury in the environment by changing the waste management requirements for mercury-containing equipment. The new process encourages recovery and improved, safe management of mercury waste. To view the entire article, visit EPA's Office of Solid Waste at:

<http://www.epa.gov/epaoswer/hazwaste/recycle/electro/mce-fs.htm>

2. Federal Register on Mercury Containing Equipment

The final rule on mercury containing equipment and the hazardous waste management system and modification of the hazardous waste program. To view the entire document, visit The Federal Registry/Vol,70 No 150/ Friday, August 5, 2005, at:

<http://a257.g.akamaitech.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/pdf/05-15437.pdf>

3. ABIL Development of Soy Based Metalworking Fluids

In 2003, the Environmental Protection Agency (EPA), Region 7 awarded the ABIL Research Program funding under an EPA initiative entitled "Pollution Prevention Incentives for States" (PPIS). The support provided for continuing field study of several soybean-based metalworking fluids as developed by ABIL researchers. To view the entire article, visit the UNI-Abil Reach Program at:

http://www.abiluni.org/Soy%20MWFs/soy_MWFs.htm

CALENDAR OF EVENTS

6. Industrial Training Opportunities

For more information, visit

<http://www.eere.energy.gov/industry/events/>

7. 2006 Pollution Prevention Awards for Environmental Excellence

EPA is seeking nominations of projects that have achieved measurable results in waste reduction and environmental releases while conserving natural resources. Applications are due by November 30, 2005, and are available by contacting Bruce Canova at 913-551-7914 or canova.bruce@epa.gov

8. IRA/ISOSWO Conference

October 17-19, 2005

Polk County Convention Center, Des Moines, Iowa

For more information, visit: www.iowarecycles.org

9. Ultrasound World II Conference

November 6-9, 2005

Hilton Clearwater Beach Resort, Clearwater Beach, Florida

For more information, visit:

<http://www.uesystems.com/ultrasound-world/UWC.html>

10. 2005 Governor's Environmental Excellence Awards

Iowa businesses, organizations and individuals are invited to apply for the 2005 Governor's Iowa Environmental Excellence Awards. This premier environmental awards program, sponsored by Governor Vilsack and the State of Iowa, recognizes leadership and innovation in the protection of Iowa's water, land and air. Awards will be given for overall environmental excellence and special recognition in water quality, waste management, energy efficiency/renewable energy, air quality and habitat restoration/development. Applications are due on November 4, 2005. To obtain an application, visit www.iowadnr.com/other/ee/index.html, or contact: Jill Cornell, Department of Natural Resources (515) 281-0879; e-mail: Jill.Cornell@dnr.state.ia.us.

11. Summer of 2006 Pollution Prevention Intern Program

Applications for businesses for a summer intern are now available at www.iowap2services.com and are due by December 31, 2005.

4. New Report Links Industrial Business Performance, Environmental Compliance

Local economies benefit when manufacturers efficiently manage their energy use and their industrial waste, according to a new report by the Environment and Business Roundtable, a group of South Carolina government, business, and academic leaders organized by the Alliance to Save Energy (ASE) and Clemson University. To view the entire article, visit:

<http://www.greenbiz.com/news//printer.cfm?NewsID=28478>

5. Electric Motor Voltage Quality Problems

Voltage nameplate ratings found on many alternating current (AC) motors and drives can be a source of confusion for utilities and their industrial customers. The confusion stems from the voltage range in which a particular motor may be operated safely. To view the entire article, visit the U.S.

Department of Energy's Web site:

<http://www.oit.doe.gov/bestpractices/energymatters/spr2005/motor.shtml>

RESOURCES

12. Pollution Prevention Services offers confidential and non-regulatory assistance at no cost. Companies can save money, increase profits, operate more efficiently and improve the environment through P2 practices. For more information, visit: <http://www.iowap2services.com/>

13. The P2 Intern Program provides a forum for government, academia and business to partner in improving Iowa's environment. The non-regulatory, 12-week summer program focuses on the reduction of air, land and water pollution. For more information, visit:

<http://www.iowap2services.com/>

14. The Solid Waste Alternatives Program

(SWAP) works to reduce the amount of solid waste generated and landfilled in Iowa. Through a competitive process, financial assistance is available for a variety of projects, including source reduction, recycling and education. For more information, visit:

<http://www.iowadnr.com/waste/financial/financialswap.html>

15. Waste Matters is published quarterly and includes articles and information relating to waste reduction and pollution prevention in Iowa. To view the current issue and archived issues, visit:

<http://www.iowadnr.com/waste/news/wastematters.html>

Special Feature Article
Innovative Partnering to Achieve Economic, Educational and Environmental Results

Deadline for applications is December 31, 2005

The Department of Natural Resources' (DNR) Pollution Prevention Intern Program employs a unique partnership of government, industry and academia to achieve economic, educational and environmental results in Iowa. Over the last five summers, the Intern Program has placed more than 100 upper level undergraduate and graduate students with Iowa companies. The summer of 2005 internships resulted in an average saving per company of over \$150,000 totaling more than \$4 million in economic cost savings. This has been possible because of the following environmental improvements:

Savings 2005

Actual Waste Reduction & Cost Savings from Intern Projects

Category	Reduction		Cost Savings
Water conservation	75,000,000	gallons	\$596,232
Special waste	25,000	tons	\$238,750
Solid waste	3,999	tons	\$653,457
Hazardous waste	2,377	gallons	\$73,459
Mercury waste	14,267	grams	
Energy			
kWh	33,864,818		\$2,140,493
therms	207,928		\$188,500
cfm	550		\$17,000
Air emissions			
CO2	1,631,520	lbs	
CO	10,286	lbs	
SO2	272,998	lbs	
NOX	320,522	lbs	

For more information Contact:
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 Des Moines, IA 50319-0034
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jan.loyson@dnr.state.ia.us

If you know of someone who may like to receive this newsletter or contribute an article or event please contact jeff.fiagle@dnr.state.ia.us

16. P2Rx™ Topic Hub™ Project is intended to provide a topic-specific guide to collected resources about the topic available and accessible from a browser connection to the Internet. A Topic Hub provides a web-based guide to the resources specific to a particular subject, i.e., it is a "subject-specific resource guide." Additionally, the guide serves a particular user or set of users, in this case the P2 specialists and their clients. For more information, visit: <http://www.p2ric.org/TopicHubs/index.cfm>

17. Industry Topics Using Energy

Industry uses more than one-third of all the energy used in the United States. Most of the energy industry uses is supplied from natural gas and petroleum, with electricity coming in a distant third, followed closely by coal. Certain industries, for instance steel production, require a large amount of energy per unit of product, and are the best candidates on which to focus energy-efficiency efforts. For more information, visit: <http://www.eere.energy.gov/EE/industry.html>

18. U.S. Department of Energy Newsletters & Magazines

A resource for energy topics across the country. For more information, visit: <http://www.eere.energy.gov/EE/industry-newsletters.html>

19. Lean Operations - Course Offerings at DMACC

A variety of courses to help your business. For more information, visit: <http://www.dmac.edu/dbr/leancourses.asp>

20. The "Fostering Sustainable Behavior" listserv

This listserv will provide an opportunity for program managers to easily dialogue with one another regarding a wide range of behavior change programs (e.g., waste reduction, energy and water efficiency, watershed protection, modal transportation shifts, etc.). To receive one email per day that contains all of the messages sent to the listserv that day simply send an email to web@cbsm.com with "Subscribe Digest" in the subject. You may unsubscribe at any time from the listserv. The listserv discussions will be archived at the Fostering Sustainable Behavior website (www.cbsm.com). This archive will provide a rich repository of knowledge regarding the promotion of sustainable behavior.

Pollution Prevention Services is dedicated to saving Clients money while having a positive impact on the Environment.