



HEARTLAND NEWS

THE HEARTLAND CHAPTER OF THE
ACADEMY OF CERTIFIED HAZARDOUS MATERIALS MANAGERS

Volume 12, Number 3

May Meeting

May 24, 2005

**Business &
Technology College
Exhibit Hall
1775 Universal Ave.,
Kansas City, MO
(435 Hwy & Front St)**

\$20.00/person

**5:30 pm board
meeting
6:30 p.m. social
7:00 p.m. meal/tour**

**RSVP: Ben Gudde
816-792-6206
BGUDE1@Hallmark.com**

**Speaker/Topic:
Sybill Chandler, CHMM
EH&S Degree Program
Coordinator, and BTC
staff, for a presentation
and facility tour**

*"Ultimately, the only
power to which man
should aspire is that
which he exercises
over himself."*

- Elie Wiesel

Paul Studebaker Named Fellow of the Institute

Paul Studebaker, one of the founding members of the Heartland Chapter, was one of five CHMMs nationwide to recently be named a 2004 Fellow of the Institute by the IHMM Board of Directors.

Paul served on the Douglas County, Kansas LEPC, and was the former EH&S Director at FMC Corp., Lawrence, Kansas. He retired from there in 1999 after 34 years and formed a consulting firm, Southwind Environmental Associates, of which he is

currently the President.

In addition to his long-time participation and service to the Heartland Chapter, Paul has served as a member of the Institute Board of Ethics since 1998. In 1999, Paul spearheaded the lobbying effort before the Kansas legislature to achieve professional recognition for the CHMM credential. Paul received the ACHMM Champion of Excellence Award twice and the FMC Environmental Honor Roll award for work in waste

minimization. An article he co-authored, entitled "Management of a Groundwater Problem", was awarded the Willem Rudolfs Medal in 1984.

Fellow nominees must be nominated by at least two current Fellows, and they must have made significant contributions to the hazardous materials management.

We thank you for all of your hard work, Paul, and congratulations for this well-deserved recognition!

Millennium Ecosystem Assessment Releases Report

The Millennium Ecosystem Assessment (MA), an international work program designed to gather, evaluate and disseminate scientific information concerning the consequences of ecosystem change, just released the results of a four-year study. The study was launched by U.N. Secretary-General Kofi Annan and was performed by 1,360 experts from 95 nations. This study presents the consensus view of the largest body of social and

natural scientists ever assembled to assess knowledge in this area.

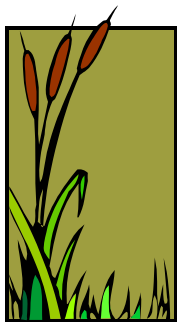
The MA's findings conclude that, over the past 50 years, humans have changed the Earth's ecosystems more extensively than in any comparable period of time in history, resulting in a substantial and largely irreversible loss in the diversity of life on Earth. These changes have contributed to substantial net gains in human well-being and economic

development, but at growing costs that, according to the experts, will substantially diminish the benefits that future generations obtain from ecosystems, unless addressed. The degradation of ecosystem services could grow significantly worse during the first half of this century. Reversing this trend, while meeting increasing demands for services, is possible, but will involve significant changes in policies, institutions and practices.



Mother's Day May 8th

A pink carnation is a gesture to honor a living mother, while a white carnation is worn to symbolize remembrance.



Did You Know...

The Month of May is American Wetlands Month

Man-made Wetlands Effective as Natural Marsh

The March issue of *Water & Wastewater Products* contained an interesting article regarding findings from a 2-year study of a man-made wetland in Ohio. The findings of the study appear in the current issue of the journal *Ecological Engineering*.

The following are excerpts from the *Water & Wastewater Products'* article: Researchers have concluded that the constructed wetland, which was made by bulldozing a series of basins into a former farm field, actually filtered and cleaned water as well as, or better than would, a natural marsh. The wetland reduced levels of phosphorus by nearly 60% and nitrates by 40%. "We saw close to the kind of decrease we typically see in a natural wetland," said William Mitsch, a study co-author and the director of the Olentangy River Wetland Research Park at Ohio State Univ.

Often called the "kidneys" of the environment, wetlands act as buffer zones between land and waterways. They also act as sinks — wetlands filter out chemicals in water that runs off from farm fields, roads, parking lots and other surfaces and hold on to them for years to come.

But the jury is still out on how long a wetland can remain a sink for certain nutrients, Mitsch said. For example, phosphorus doesn't degrade, so after 30 or 40 years, the wetland in this study could possibly become a phosphorus source. "Wetlands' capacity to store phosphorus declines with time," Mitsch said. "But a wetland that reaches that point has extremely rich soil, which could be harvested and spread over a farm field. Or the wetland itself could be turned into a field again, assuming there are other wetlands nearby to

take its place."

The three-acre wetland in the study was roughly the size of three football fields and drained a watershed about 14 times that large. The researchers studied the wetland for two years, collecting and analyzing water samples twice each month. They tested for concentrations of phosphorus, nitrates and several other chemicals. The researchers also gathered data on water flowing into the wetland from rain and snowfall and from ground sources. They wanted to know if the design of this experimental wetland would work. Apparently, it did.

Wetlands experts estimate that the American Midwest has lost about 80% of its wetlands in the last two centuries. However, about 577,000 acres of wetlands have been created or restored under current conservation programs.

Wetlands Delineation Training

A local, 5-day wetlands delineation training course and field practicum is being offered June 6-10. Instructors for the course are Stephen Parker, President of Adaptive Ecosystems, Inc., former regulator and botanist at

the Corps of Engineers, & Timothy Knoernschild, soil scientist with the MO DNR Soil Water Conservation District Program. The course qualifies as continuing credit, as well as training toward the proposed COE Wetland

Delineator Certification Program.

For more information, call 816-966-8199, e-mail sprater@adaptiveecosystems.com, or visit www.adaptiveecosystems.com.

Upcoming Events

May 10-13, 2005 – Tan-Tar-A, Osage Beach, Missouri

Mid-America Safety, Health & Environmental Conference & Exposition

For information on conference registration and agenda updates, visit www.missourisafetycouncil.org. For room reservations, call Tan-Tar-A, at 800-826-8272

May 19-20, 2005 – Pasco, Washington

National ACHMM Annual Leadership Workshop

This highly valued 12-hour training opportunity is available at no cost to all paid members of the National ACHMM. Register today by calling 1-800-437-0137

May 24-26, 2005 – Marriott Country Club Plaza, Kansas City, Missouri

EPA Region 7 Federal Facilities Conference

To register on-line, go to www.epa.gov/region7/news_events

May 26, July 21, Sept 22 and Nov 17 - KCMO Health Dept., 2400 Troost, Kansas City
EEBN 4-Part EMS Workshop Series

The Environmental Excellence Business Network (EEBN) is sponsoring this 4-part EMS workshop series. Contact Jennifer Gilbert (816) 561-1087 to register.

June 3, 2005 –Downtown Marriott, 200 W. 12th Street, Kansas City, Missouri

MARC's Ninth Annual Regional Assembly: "Better Together"

For additional information about the event, visit www.marc.org or call 816-474-4240.

June 15, 2005 – Labconco, Kansas City, Missouri

Lab Hood Seminar

Sponsored by the Heartland Chapter ACHMM, this one-day seminar will cover both fume and biological hoods. \$50 fee includes lunch. Contact Ken Grist at 816-822-3940

June 22-24, 2005 – Minneapolis, Minnesota

A&WMA's 98th Annual Conference and Exhibition

For additional information, or to register, go to www.awma.org/ACE2005

June 26-28, 2005 – Lodge of the Four Seasons, Lake of the Ozarks, Missouri
2005 MWCC Conference

For additional information, or to register, go to www.mowastecoalition.org/conferences.html

June, September, December and March - Discovery Center in Kansas City, MO
MDNR 4-part EMS Training Sessions

The Missouri Department of Natural Resources is co-sponsoring four Environmental Management Systems training sessions. Call Daniela Heppard 1-800-361-4827 for more information.

July 14-15, 2005 – Great Wolf Lodge, Kansas City, Kansas

KC Area Safety & Health Conference and Exhibition

Sponsored by the Safety and Health Council of Western Missouri and Kansas. For more information, visit www.safetycouncilmoks.com

Reminder:

Remember to send in your scholarship applications to Phil Dula. The deadline is May 15th!

Did you know....

The paper poppies made by disabled veterans and sold by the American Legion and Veterans of Foreign Wars on Memorial Day (May 30th) became a symbol after the horrific WWI battle in Flanders Field in Belgium. The field, littered with the bodies of young soldiers, was also filled with poppies.



*"Let us realize that:
the privilege to work
is a gift,
the power to work
is a blessing,
the love of work
is success!"*

- David O. McKay

2003-2004 Kansas Air Quality Report Released

The Kansas Department of Health and Environment (KDHE) Bureau of Air and Radiation recently published the 2003-2004 Air Quality Report. This detailed report contains information related to long-term air quality trends as well as emerging issues. The goal of the Bureau is to ensure that Kansas is meeting Federal Clean Air Act requirements, by complying with the National Ambient Air Quality Standards (NAAQS). The report discusses successes in air quality management, as well as identifying areas that need improvement. This year's report also includes a section on emissions inventory issues and related data. A downloadable copy of the report is available on-line at www.kdhe.state.ks.us/bar/download/2003_2004_AQ_Report.pdf.

Revised Notification of Regulated Activity Form

The Notification of Regulated Waste Activity form (EPA Form 8700-12) is used to obtain an EPA Identification Number and for the submission of a subsequent notification

to update the information on your initial notification. A section is included with definitions for RCRA terms. The form is also used to notify the agency of your used

oil and universal waste activities. You can download the new form and instruction booklet off of EPA's web site www.epa.gov/epaoswer/hazwaste/data/forms870/forms.htm



*"Earth provides
enough to satisfy
every man's need,
but not every man's
greed."*

- Mahatma K. Gandhi

Revised Hazardous Waste Manifest

The USEPA has recently published a newly revised hazardous waste manifest. According to EPA it will:

- Standardize the content and appearance of the manifest form and continuation sheet (Forms 8700-22, 22a);
- Make the forms available from a greater number of sources; and
- Adopt new procedures for tracking certain

types of waste shipments with the manifest. These types of shipments include hazardous wastes that destination facilities reject, wastes consisting of residues from non-empty hazardous waste containers, and wastes entering or leaving the US.

After September 5, 2006, only the new manifest form and requirements established under this final rule will be valid and

acceptable for use. You will be able to obtain new forms from any source that has registered with EPA to print and distribute the form. EPA will maintain a list of entities that have been approved. States may also register to print the new form, but State rules cannot establish the state as the exclusive source of forms.

*Published March 4, 2005
in the Federal Register
(Volume 70 Number 42).*

**Advertise
Your
Company or
Services
Here!!!!**



SERVING YOU NATIONWIDE 24/7
Environmental Remediation/Emergency
Response/Waste Management/Tank &
Railcar Cleanings/O&M/Facility
Closures/Product Transfers/Excavation &
Demolition/Heavy Equipment
Operators/Sampling
24/7 Corporate Customer Service Line
1-800-637-5471
KC Office Division Manager: Bill Conkling
Cell Phone (816) 305-4017

For just \$50/year,
we will place your
company ad in our
newsletter.

And don't forget to visit
our website:

www.kumc.edu/hcachmm

TRC
Customer-Focused Solutions
TRC Environmental Corp.
1600 Genessee Street, Suite 416
Kansas City, Missouri 64102
Phone: 816-474-1500
Fax: 816-474-1853
www.trcsolutions.com


Pace Analytical®
Kansas Laboratory

- Full Service Analytical Laboratory Services
- Water • Wastewater • Sludge
- Organic & Inorganic Analyses
- Serving the Midwest with Local Lab Support
- Courier service for a 5 state region

www.pacelabs.com

Pace Analytical Services, Inc.
Kansas City Laboratory
9608 Loiret Blvd
Lenexa, KS 66219
Phone: 913.599.5665 ext. 300




Shaw
Shaw Environmental & Infrastructure, Inc.
4400 College Boulevard, Ste 350, Overland Park, KS 66211
Ph: 913-461-1224 – Fax: 913-461-2005

- Environmental Consulting & Engineering
- Remediation & Restoration
- Hazardous, Radioactive & Industrial Waste Mgmt.
- Decontamination, Decommissioning
- Facilities Management
- Homeland Security – Emergency Preparedness

