



Solid Waste News

ILCSWMA BOARD:

PRESIDENT

David Hartke
815-774-7898
president@ilcswma.org

VICE PRESIDENT

Don Terry
618-684-3143x138
vp@ilcswma.org

SECRETARY

Deb LeVault
217-287-2334
debbielevault@ctitech.com

TREASURER

Steve Rypkema
815-732-4020
srypkema@oglecounty.org

NORTHERN REGION

Marlin Hartman
815-405-2978
hartmn57@cbcast.com

CENTRAL REGION

Chad Braatz
309-837-3941
chadbraatz@hotmail.com

SOUTHERN REGION

Leah Dettmers
618-692-7040 x4666
liddettmers@co.madison.il.us

AT-LARGE REPRESENTATIVE

Jason Peppmuller
815-774-4348
jpeppmuller@willcountylanduse.com

AT-LARGE REPRESENTATIVE

Courtney Rushforth
217-384-2302
crrushforth@city.urbana.il.us

NEWSLETTER CONTRACTOR

HK Desktop Designs
815-354-7408
heidi@heidikreitzphotography.com

Letter from the President

Our Illinois Product Stewardship Initiative, in conjunction with the Product Stewardship Institute, was launched with our first conference call in April. We are very excited at the response and interest received through the call. In response to the call, an online survey was conducted which indicated that the development of strategies to address or improve product stewardship efforts for paint was of greatest concern, with pharmaceuticals next in line. Our second call will be conducted possibly by the time you read this on May 13th at 10 am. The call will focus primarily on the items mentioned above, along with thermostats due to the recent passing of the Mercury Thermostat Collection Act (SB 3346). It is essential that local governments are involved in these initiatives, especially now with the State cutting the Partners for Paint program and the one-day HHW events. In the near future, additional state funding cuts are a possibility, which could also leave the remaining permanent HHW programs and the pharmaceutical collection program completely up to the local governments to fund if they want to maintain them. If you are interested in assisting with this initiative please go to <http://www.productstewardship.us/illinois> and sign up through the "Join the Illinois-Only Product Stewardship Calls" link.

Furthermore, this Initiative does have a cost involved. ILCSWMA and the IL-IN Sea Grant Program have partially funded the initiative, however to maintain the momentum through the end of the year and next, additional funding will be necessary. Therefore, please contact me or one of the other ILCSWMA Board Members if you can provide some funding, or are aware of other funding sources that may be available.

We are also pleased to announce that Alison Keane from the American Coatings Association (ACA) in Washington D.C. and PaintCare, Inc. will be the keynote speaker at our annual conference on September 22nd & 23rd at Starved Rock Lodge (1-

800-868-7625). Ms. Keane has been directly involved with PaintCare, which is the industry non-profit association formed by the ACA. PaintCare is developing the paint stewardship pilot program on behalf of the manufacturers of paint sold in Oregon as required under their new paint legislation. We are very thankful to Ms. Keane and to the ACA as they are funding her time and transportation costs to the conference.

By the way, I reserved my room at the Lodge for our annual conference already, have you?

Take Care, Dave Hartke



ILCSWMA'S 18TH ANNUAL CONFERENCE IS COMING TOGETHER!

I wanted to remind all of our ILCSWMA members and friends to mark your calendars and watch for upcoming announcements regarding the 2010 ILCSWMA Annual Conference. This year our Annual Conference is being held at Starved Rock State Park (near Utica) on September 22nd and 23rd.

We anticipate that this year's conference will have what all you have come to expect from our Annual Conference... professionally helpful sessions, great food and lots of networking! Also, we have a few new things planned that we think all will enjoy. The ILCSWMA Board of Directors and I hope to see you all at Starved Rock State Park on September 22nd and 23rd! Details regarding the conference and lodging will be included in the July-August edition of this newsletter, as well as mailed to all members.

Don Terry, Vice President & Conference Coordinator

MOVING ON . . .

Rich Gerard, the Regional Manager for the IEPA Champaign Field Office retired on November 30, 2009. Rich started his career with the State of Illinois in March 1970 with the Illinois Department of Public Health (there was no Illinois EPA at that time). He transferred to Illinois EPA in July 1970 when it was created. He worked for many years in the Division of Public Water Supplies, including stints in the Rock Island, Peoria, and Springfield offices. During this time, he held titles such as Sanitarian, Engineer, and ultimately Environmental Protection Specialist.

Rich transferred from the Division of Public Water Supplies to the Bureau of Land in December 1990, when he became the manager of Land's newly chartered Champaign Regional Office. He served in this role until his retirement from the position of Senior Public Service Administrator on November 30, 2009, taking with him a wealth of experience in both the technical and managerial arenas. Congratulations Rich.



ILCSWMA Member News

FLUORECYCLE

Fluorecycle, Inc., the only IEPA RCRA-permitted lamp recycler in Illinois, recently announced the appointment of Craig Jordan as Sales Manager. Craig will be introducing Fluorecycle's current program for Hospitals. Springfield Electric continues to be Fluorecycle's service center for all lamp recycling serving Illinois, outside of the Metropolitan Chicago area. SESCO currently has a joint venture with Ameren designed for household CFL Recycling.

JO DAVIESS/CARROLL COUNTIES

The Super Recycling Event on April 3rd was a great success both in number of participating households and amount of materials collected. Four hundred households and businesses brought materials for recycling or proper disposal. All counties in Northwestern Illinois were represented with residents and businesses of Carroll, Jo Daviess, Lee, Ogle, Stephenson, and Whiteside counties participating. The amount of materials collected for reuse was: Over 44,000 lbs of electronics equipment, including computer monitors and televisions; 3000 gallons of used oil, 110 gallons of antifreeze, and 500 gallons of latex paint. Batteries of all types were collected with lead-acid batteries weighing in at over 4800 lbs and alkaline batteries over 450 lbs. Many fluorescent tubes and compact fluorescent lights were also collected. The household hazardous waste collection was limited to participation by Jo Daviess and Carroll Counties and a large amount of product was collected, filling the mobile collection unit to capacity.

The event was sponsored by University of Illinois Extension, Jo-Carroll Solid Waste Agency, and the Green Fair Alliance. The next super recycling event will be September in Jo Daviess County. For questions, contact Maggie Friedenbach, Recycling and Conservation Programs Coordinator, 815-244-9444 or mfrieden@illinois.edu.

MACON COUNTY

Macon County Environmental Management is currently working with the company "Upcycle" to provide affordable

rain barrels and back yard composters to residents. The Upcycling process utilized to turn olive and pickle containers into rain barrels and composters coincides with Macon County's Spring emphasis on water conservation and reducing organics destined for the landfill. Among many Earth Day events in April, teaching landscape recycling was well received.

SANGAMON COUNTY

On Saturday, April 10, the Sangamon County Department of Public Health's Recycling Division held an electronics collection at the Illinois State Fairgrounds. "We were elated with the outcome of the collection," said Angela Harris, Recycling Coordinator. "We had over 1,000 residents participate in the event." It is estimated that more than 200,000 pounds of e-scrap were diverted from the landfill. Accepted items included computers, televisions, cell phones, printers and more. The vendor, Vintage Tech Recyclers, handled the collection and recycling of the material.

ST. CLAIR COUNTY

Since 1995, St. Clair County has used Earth Day to recognize communities, schools, businesses and organizations that have contributed to St. Clair County's reduce, reuse, and recycle philosophy. This year's Earth Day Celebration was held on April 20. A Meritorious Achievement Award was awarded to Michael Eckert, Director of the Clean Sweep Program, for outstanding environmental service to the community. Awards were also given to Sarah Lee, Joseph Zappa, and the Farmers and Friends 4-H Club for environmental excellence. Schools in St. Clair County received awards for paper recycling as well as telephone book recycling. According to Abitibi Consolidated, the schools in St. Clair County collected over 6.3 million pounds of paper in 2009. According to Belleville Recycling, schools in the County collected 57,000 pounds of telephone books in 2009. Several schools participated in special events to recognize Earth Day. Southwestern Illinois College held a free electronic and unused medication collection day. The City of Belleville held a city-wide cleanup as well as a drawing contest for 5th and 6th grade students in honor of Earth Day.

continued on page 3

ILCSWMA Member News (cont.)

In other news, St. Clair County Health Department, along with Memorial Hospital, American Lung Association, and KMOV TV Channel 4, jointly bring residents of St. Clair County a daily Ozone Hotline. The hotline gives residents an ozone forecast with information on the effect of air quality on various individuals. The telephone number for the hotline is 618/257-6265. St. Clair County Health Department also reports the air quality forecast to its Ozone Alert Partners. The ozone hotline will begin in late May.

SWANCC

From May through November, 2010, the Solid Waste Agency of Northern Cook County (SWANCC) and the Village of Barrington will be conducting a pilot Residential Curbside Organics Recycling Program in Barrington's North Fox Point Homeowners Association. Approximately 300 home owners will receive a kitchen pail to collect food waste, along with biodegradable corn-based pail liners and program literature. The food waste (fruits, vegetables, meat, egg shells and coffee

grounds) will be put in their outdoor landscape waste recycling cart (grass, leaves and branches), will be picked up on their scheduled garbage day each week and transported to a composting facility. Currently, landscape waste is collected and composted, while food waste is either landfilled or disposed of down the drain.

While the collection of residential food waste for recycling is widespread in parts of Canada and many European countries, there are limited areas in the United States collecting food waste with yard waste curbside. SWANCC and the Village of Barrington are the first in Illinois to venture into this new area, mixing the two wastes together curbside.

Organics make up about 49% of what residents generate, and food waste is approximately 8% of this number. All organic waste can be recycled through the use of composting, which is a process by which organic material decomposes to create a nutrient-rich soil amendment that can be used in gardening, landscaping and road construction projects. Food waste is

the next step to increasing municipal recycling volumes.

SWANCC and Barrington Public Works staff will be monitoring the program throughout the pilot period. To provide support, a website specific to this program was established and staff will be conducting three surveys to collect data. This project will provide valuable feedback about the viability of food waste recycling and will help SWANCC determine what form of food recycling can be established region-wide.

In other SWANCC news, to provide a more sustainable way to recycle electronics, SWANCC recently established four permanent drop-offs in Winnetka, Morton Grove, Hoffman Estates, and Glenview. Residents that live in a SWANCC-member community can utilize any of the drop-off locations. The electronics will be recycled by Supply-Chain Services. In addition to the permanent drop-off program, SWANCC offers its At Home pick-up program for a \$25 fee from May through October.

Recycled Swine Manure?

The outer road along Interstate 44 near Six Flags St. Louis is freshly paved with asphalt made from recycled swine manure. It is believed to be the first time asphalt has been created from swine manure. Two St. Louis County companies, road contractor Pace Construction Co. and the engineering firm Innoventor, joined up on the project. Innoventor perfected the process of converting the animal waste into a bio-oil used in asphalt binder.

The idea began a decade ago with complaints about the smell of manure. In this case, neighbors complained about the odors at the hog farm operated by Kent Schien's in-laws in Barry, Illinois, near Hannibal, Missouri.

Schien, Innoventor's founder and chief executive, is a former engineer at

McDonnell Douglas, which later merged with Boeing. He left the aerospace firm to start his own company, and asked his engineers to figure out a way to address the smell problem for hog farmers. They developed a technique to "scrub" animal odor as it moved outdoors through fans installed on the outer walls of swine sheds. Another hog producer soon suggested the need for an invention capable of turning swine waste into a moneymaker.

Schien returned to his alma mater, the University of Illinois, where an agricultural engineering professor named Yuanhui Zhang was developing a process to transform pig manure into bio-oil. Schien's Innoventor team utilized Zhang's research.

The team developed a multiple-stage

system that ultimately moved the manure into a reactor, which applies heat and pressure to the waste material. Innoventor got a big boost this winter when tests conducted on the paving material received a passing grade as a "lower-grade asphalt binder" from a Missouri Department of Transportation research engineer.

MODOT and Innoventor intend to keep a close eye on the 500-foot stretch where the asphalt was laid. The state will monitor wear and tear on a road subjected to a lot of traffic in the season when the amusement park is open for business. Schien is making plans to manufacture the prototype for use at hog production facilities across the nation. The plant will be located in Barry, Illinois.

Update to March/April Issue: Petition for Leave to Appeal Denied in T&CII

Submitted by Nicola Nelson, Hinshaw & Culbertson, LLP

The March-April issue of this publication included an article addressing the Third District Appellate Court's decision in *County of Kankakee v. PCB, City of Kankakee, Town & Country Utilities, and Kankakee Regional Landfill, LLC* ("T&C II"). In that decision, the Third District Appellate Court implicitly approved efforts by the Kankakee County Board to control the location of all future pollution control facilities within its borders by imposing county-wide restrictions on where they may be sited. The applicant in T&C II, Town & Country, filed a Petition for Leave to Appeal the decision with the Illinois Supreme Court. That PLA was recently denied, leaving many to

wonder the extent to which T&C II is binding on future siting decisions throughout the State. The answer, unfortunately, is less than clear.

Illinois has five appellate districts, and although circuit courts must accept and adhere to the analysis and decisions of the appellate district in which they sit, an appellate court is free to reject the analysis and decisions of a different appellate district. Moreover, the Supreme Court's denial of a PLA does not constitute an affirmance by the high court of the appellate court's holding. Therefore, the decision in T&C II is not binding on the other appellate districts in future siting appeals. With respect to the decision's precedential effect in Pollution Control Board proceedings, the PCB considers decisions from any of the Illinois

appellate districts as precedential authority, but where there are conflicts between the districts, the PCB often follows whichever decision offers the preferred outcome. To make matters even more complicated, the Third District's holding in T&C II had the practical effect of upholding the Kankakee County Board's unilateral restrictions on siting, yet the court expressly announced it was refusing to decide whether such restrictions improperly usurped municipal authority, leaving that issue for another day.

Ultimately, in the wake of the denial of the PLA, all that can be said with certainty about T&C II is that it is binding on the circuit courts located within the Third District. Beyond that, its impact on the future of landfill siting in Illinois remains to be seen.

Get Recognized!

ARE YOU A STAR?

In 2008, the ILCSWMA Board of Directors created the Star Awards program to recognize a government or non-profit member organization in each region that is accomplishing a lot with very little funding. Recipients receive a write-up in this newsletter, a Certificate of Achievement, and free registration to the next ILCSWMA Annual Conference.

The Board now seeks member organizations from the Southern, Central and Northern Regions to nominate themselves for this award. If you are not sure what region you are in, please see the ILCSWMA website, Board of Directors page. Organizations that are achieving great things in their communities, with little financial support, are encouraged to apply.

Nominations should consist of a one-page or less narrative about your organization, the activities you undertake, how much funding you receive, and what role partners and volunteers play in your program. Nominations are due to the respective Regional Representatives by June 1. For

contact information on these Board members, please see the front page of this newsletter.

Don't hesitate to toot your own horn - if you don't, who will? Your efforts may seem small, but they are likely just the type of things that need to be recognized by those in your community and your solid waste industry peers.

AWARD NOMINATIONS SOUGHT

Each year the ILCSWMA Board of Directors bestows the Distinguished Service Award upon one nominee that has made outstanding contributions to the Association and the management of solid waste in Illinois. Past winners include:

2009 - Dave Hartke
2008 - Tom Hawkins
2007 - Gary Steele
2006 - Joy Hinz
2005 - Jeff Lahr
2004 - Bart Hagston
2003 - Chad Braatz
2002 - Karen Nelson

2001 - George Browning
2000 - Lynn Wolgamot
1999 - Andy Quigley
1998 - Gary Mielke
1997 - Denise McClearey

ILCSWMA also established a new award in 2005 - the Lifetime Achievement Award. The Board may bestow this award upon one or more nominees that are retiring, or leaving the solid waste industry or Illinois, and whose work has made a significant impact on their community and the Association. This award is not necessarily given out each year.

Nominees for both awards must be employed by a full or affiliate member organization. Nominations for either award should be submitted via email to Dave Hartke at president@ilcswma.org by June 1. No nomination forms are necessary; please submit the name and affiliation of both the nominated person and the individual submitting the nomination, as well as supporting information such as how long the nominee has worked in the solid waste field and some of their qualities and major accomplishments.

Misc. News

GROUPS LAUNCH WEBSITE TO MANAGE UNUSED MEDICINES

The National Community Pharmacists Association and Sharps Compliance Inc. have launched a new website to help divert prescription drugs from being flushed down the drain or being sent to landfills, where the compounds can leach into the groundwater. The website, <http://www.disposemy meds.org>, is part of the organization's national campaign. The site allows consumers to search for pharmacy disposal programs by state, city or zip code.

The organizations said up to 200 million pounds of dispensed pharmaceuticals aren't used each year. These unused drugs can lead to accidental poisonings, and chemicals from flushed or landfilled pharmaceuticals have been found in the drinking water of more than 50 million Americans.

MERCURY THERMOSTAT BILL PASSES BOTH HOUSES

The Illinois House and Senate have passed a new bill to control mercury pollution from mercury thermostats. While it is illegal to sell mercury thermostats in Illinois today, tens of millions of mercury thermostats are still in use across the country. Each one of these thermostats contains about four grams of mercury, a potent neurotoxin. The Mercury Thermostat Collection Act (SB 3346) requires manufacturers to collect and recycle the mercury in older thermostats. SB 3346 was passed unanimously by the Illinois House and Senate.

The Mercury Thermostat Collection Act requires thermostat manufacturers to establish an out-of-service mercury thermostat collection program and to meet ambitious goals to collect and safely dispose of unwanted mercury thermostats. The Illinois Environmental Protection Agency (IEPA) will monitor the collection programs.

The bill adopts the recommendations of a report Turning Up the Heat on

Thermostats written by the Environmental Law & Policy Center and the Mercury Products Campaign.

Illinois' Mercury Thermostat Collection Act is based on model state legislation developed by the Product Stewardship Institute (PSI) with input from thermostat manufacturers, heating and cooling contractors and wholesalers, retailers, environmental groups, and government officials.

PSI's model shares responsibility for safe thermostat recycling among all these groups and provides a menu of options from which states can choose. Illinois is the eighth state to pass legislation based on the model.

ILLINOIS RECYCLING OPPORTUNITIES SURVEY

The Illinois Recycling Association, for the Department of Commerce & Economic Opportunity, is conducting a survey to catalog recycling programs and opportunities available across the state. The information gathered through this effort will be used by DCEO to help analyze the scope and direction of their future recycling related initiatives. The data will also be used as a tool to help state and local recycling officials more accurately respond to inquiries about various recycling opportunities in Illinois.

The final report will be shared at the 2010 Illinois Recycling and Waste Management Conference and Trade Show in June. For more information, visit <http://www.illinoisjointconference.org>

If you have a role in the recycling industry in Illinois, please take a few moments to complete the survey. Please complete the online survey, and encourage anyone you know in the recycling industry to complete the survey by going to <http://www.illinoisrecycles.org>.

BEER TODAY, GONE TOMORROW

Two Columbia, Missouri sanitation workers have been accused of taking

dozens of cases of expired beer from the city landfill. A Columbia distributor, Scheppers Distributing Co., sent 1,500 cases of expired beer to the landfill on April 1 in two shipments. The first shipment was destroyed immediately, but the second, containing about 700 cases of beer, was not. The two solid waste division workers brought a city pickup truck to the landfill and hauled off about 50 cases of the beer. When the sanitation workers were later confronted about the theft, one reportedly quit, while the other could face disciplinary action.

"STORY OF STUFF" UPDATE

The Story of Stuff Project has announced the release of "Let There Be...Stuff?", a six-session curriculum that helps Christian teenagers explore the relationship between their consumption, their faith, and the health of the planet. A version for Jewish communities will also be offered soon. For more information, visit <http://www.storyofstuff.org/faith.php>.

RECYCLING IS IN THE BAG

Plastic bag and container maker Ziploc has teamed with TerraCycle to increase recycling of its products. The company will sponsor the newest TerraCycle Brigade, which allows schools to collect Ziploc bags and containers and then send them back to the company. For each bag or container collected, Ziploc and TerraCycle will pay two cents to the school actually doing the collection.

Other "brigades" collect drink pouches, chip bags, yogurt cups, glue bottles and sticks, tape dispensers and pens. For more information, visit <http://www.terracycle.net/brigades>.

EPA Updates

EPA POSTS FOUR NEW FACT SHEETS ON CLIMATE CHANGE

The U.S. Environmental Protection Agency (EPA) has posted four two-page fact sheets on climate change based on recent scientific data and findings. These documents may be useful to state and local governments looking for public outreach materials on climate change. The four new fact sheets are:

- ♦ **Climate Change Science Facts:** Describes the causes (human and natural) of climate change, the link between greenhouse gases and temperature, signs of climate change, and projections of future climate change.
- ♦ **Climate Change and Ecosystems:** Discusses the impacts of climate change on biodiversity, oceans, forests, habitat, invasive species, and migrations and life cycle events.
- ♦ **Climate Change and Health Effects:** Covers the effects of climate change on heat-related illnesses and deaths, respiratory problems, and diseases and allergies.
- ♦ **Climate Change and Society:** Explains how climate change could affect water resources, coastal communities, food production, and energy use and supply, among other things.

EPA's Climate Toolbox, which includes the four new fact sheets as well as other resources, is available on EPA's Climate Change Basic Information page at: <http://www.epa.gov/climatechange/basicinfo.html>.

NEW ADMINISTRATOR FOR USEPA REGION V

President Barack Obama recently selected Susan Hedman to lead USEPA Region 5 that includes Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin and 35 Tribal Nations, the

agency said. Regional administrators manage activities under the direction of EPA Administrator Lisa P. Jackson. Hedman's environmental protection experience dates to the early 1980s. She most recently was environmental counsel and senior assistant attorney general for Illinois Attorney General Lisa Madigan.

PHILLIPS NAMED BUREAU OF LAND CHIEF

Scott Phillips has been appointed as Chief for IEPAs Bureau of Land, effective May 16th. Phillips comes from the Agency's Division of Legal Counsel and has been involved in a number of legislative initiatives. He replaces Gary King, who was Acting Bureau Chief over the past 2+ years. King remains with the Agency.

TRAINING AVAILABLE AT IEPA

Representatives from delegated enforcement counties are invited to attend "Chemistry for Environmental Professionals" training on June 15-18 in Springfield. This free training is provided by contractor TetraTech NUS under USEPA's Environmental Response Training Program.

For more information, or to register, visit <http://www.trainex.org/>.

RESOURCE CONSERVATION WEBINARS

The Resource Conservation Challenge (RCC) Web Academy continues to provide information to materials management stakeholders through a second year of webinars. Learn about key issues, successful projects, and a variety of best management practices for creating stellar waste management programs. Hear from experts around the country on what works and what doesn't, and how to make your program more successful. The format for the calls is a formal presentation followed by a question and answer session and discussion time. SWANA CEUs are

RECEIVE HALF-OFF ANNUAL CONFERENCE REGISTRATION

Any member who refers a non-member organization to join for 2010, we will reduce your annual conference registration fee by 50%. We hope you take advantage of this opportunity! Just have the new member download the registration form at <http://www.ilcswma.org/join> and write your organization's name at the bottom as the referring member. (Promotion open to full and affiliate member organizations. Offer applies to one individual from referring organization).

available. More information can be found at <http://www.epa.gov/osw/rcc/web-academy/index.htm>.