

Material

Spring 2006

M A T T E R S

A NEWSLETTER OF THE ILLINOIS RECYCLING ASSOCIATION

Doug McKenzie-Mohr, PhD to Deliver Keynote Address

PRE-CONFERENCE WORKSHOP WILL ALSO BE OFFERED

Doug McKenzie-Mohr, Ph.D., an environmental psychologist who designs community programs focused on sustainable behavior modification, will be the Keynote Speaker at IRA's summer conference — RIMBY: Recycling In My Back Yard. The conference will be held on June 12 to 14, 2006 at the Chicago/Alsip Doubletree Hotel. Dr. McKenzie-Mohr will also present an all-day pre-conference workshop on Monday, June 12.

Over the last several years a new approach — community-based social marketing — has emerged as an effective alternative for delivering programs to change environmental behavior.

This trend has resulted from research that demonstrates that simply providing information usually has little or no effect on what people do. For over a decade Dr. McKenzie-Mohr has been working to incorporate scientific knowledge of behavior change into the design and delivery of community programs.

Glen Pleasance, Water Efficiency Coordinator of the regional municipality of Durham, Canada, has used the ideas outlined in Dr. McKenzie-Mohr's book to change the city's approach to communications. "His book is an extremely valuable tool for anyone attempting to enhance the behavior of a group of people," states Pleasance. "For me it serves as a template for planning any communications project. We continue to reap the rewards of successful water conservation campaigns as a result."

Dr. McKenzie-Mohr's Keynote address will be held at on Tuesday, June 13 at 9 a.m.

FOSTERING SUSTAINABLE BEHAVIOR – THE WORKSHOP

In addition to the Keynote address, Dr. McKenzie Mohr will offer an all-day workshop to provide more opportunity for learning. All workshop participants will receive a copy of his book Fostering Sustainable Behavior: An Introduction to Community-Based Social Marketing.

Pre-conference workshop can be registered together with the full conference registration or separately for \$150.

The workshop, to be held on Monday, June 12, from 9 a.m. to 4:30 p.m., will introduce community-based social marketing and provide participants with the knowledge

they need to deliver effective programs. The workshop covers four key areas:

- How to identify the barriers to a desired behavior.
- How to use behavior change "tools" to design more effective programs.
- How (and why) to pilot test a program.
- How to evaluate the impact of a program once it has been implemented.

Case studies will be used to show concrete examples of the social marketing concepts — such as gaining commitment or using prompts, and frequent opportunities are provided for discussion. The emphasis is on ensuring that participants feel confident in using community-based social marketing within their own work contexts.

Craig Yeo, a communications coordinator in Canada who recently attended the workshop, had this to say, "For my part, and without exaggeration, I have never attended such a thoroughly expert, provocative, while at the same time practical day of sharing understanding."

Dr. McKenzie-Mohr is a Professor at St. Thomas University. He has assisted in the development of Canada's public education efforts on climate change. He has also served as a member of Canada's National Round Table on the Environment and the Economy. His book Fostering Sustainable Behavior has become requisite reading for those who deliver programs to promote sustainable behavior.

For more information on Dr. McKenzie-Mohr's work, visit his web site at www.cbsm.com.



Recycling In My Back Yard

Showcasing the Abundance of Recyclers from Local Governments to Large Industries

Illinois Recycling Association
26th Annual Conference & Trade Show
Chicago/Alsip DoubleTree Hotel

June 12-14, 2006

For more information on the upcoming IRA conference, see Mike Mitchell's column on page two of this newsletter.

FROM THE EXECUTIVE DIRECTOR

MIKE MITCHELL

Ok, it's finally safe to say it. It may not have been true a week or two ago (depending upon where you are), but now, for sure, Spring is in the air! Coinciding with Spring is a host of Association activities including Conference Registration, Recycling Award nominations, High School Award nominations and also Board of Director nominations and elections. Additional information and the necessary forms for these items can be found at www.illinoisrecycles.org.

IRA CONFERENCE SET FOR JUNE 12 – 14

The theme of this year's conference is "RIMBY: Recycling in My Back Yard."

RIMBYs are those who embrace the wide variety of recycling industries, enterprises and programs in and around Illinois. We realize what a great thing it is to keep valuable commodities out of landfills, while creating jobs, saving energy and natural resources, and reducing pollution!

All of us RIMBYs are gathering this year in the Chicago Southland at the Chicago/Alsip DoubleTree Hotel from June 12-14. Golfers start a day earlier with IRA's annual Golf Outing at Silver Lakes Country Club in Orland Park on Sunday, June 11.

A special feature of this year's conference, along with the tours of local recycling facilities, is the addition of pre and post conference workshops and trainings. You can read on page one of this newsletter all about Dr. Doug McKenzie-Mohr's famous and fabulous Fostering Sustainable Behavior Workshop. We're thrilled to be able to involve him in this special event, as well as have him as our Keynote Speaker to kick off the conference on Tuesday.

Following the Closing Luncheon and Annual Awards Ceremony, there will be another offering of our Best Operational Practices Training class. This will start on Wednesday afternoon and be completed Thursday morning.

In between will be another great conference with 40 speakers in 15 concurrent sessions, as well as an exhibit hall full of the latest products and services in the recycling industry. As always, in addition to lots of learning and professional growth, there will be ample time for networking and having fun!

ANNUAL RECYCLING AWARDS

Each year at our conference we recognize our colleagues in the recycling industry worthy of receiving an Excellence in Recycling Award. Please consider nominating someone you know. The forms and a list of suggested categories are on our web site. Same goes for our annual Outstanding High School Environmental Club. If you know of a high school in Illinois that makes a laudable effort in recycling, nominate them for one of the \$500 stipends provided by Eagle Enterprises Recycling and U'S Again. The nomination deadline for both awards is April 21.

BOARD OF DIRECTORS

A request for nominations for the IRA Board of Directors has been issued to all IRA members. If you are a voting member in good standing and have the desire to be more involved in the Illinois Recycling Association, or if you know a fellow member who would make a good board member, please nominate yourself or that person. The Board meets every two months in a variety of locations and conducts most committee meetings by conference call. Board members serve two-year terms and are eligible for re-election. Please consider contributing your time and talents to the Association. Board nominations are due by April 17.

BIG QUESTION OF THE MONTH

What Can I Do With Incandescent Bulbs?

BY GARY MIELKE

Incandescent bulbs can be recycled! Everlights, a Chicago-based IRA member, will accept them for \$0.29 each. A little pricey, and you have to figure out how to ship them, but they can be recycled.

Should we worry about them? What's in them anyways? Well, besides the glass, the

base is made from either brass or aluminum. The various wires and filament are made from tungsten, copper, nickel, molybdenum and a nickel-iron alloy. The fuse can be made from nickel, manganese, copper or silicon alloys. And the bulb is usually filled with a mixture of nitrogen and argon.

In other words -- glass, five-to-seven metals and two gases all in one little item. None of the components appear to be hazardous. And they don't appear to be a significant portion of the waste stream. But an estimated 1.3 billion incandescent bulbs were sold in the U.S. in 2003 alone. That's 1.3 billion.



A Message from the President

BY ROD FLETCHER

BOP TRAINING A SUCCESS!

IRA conducted its first Best Operational Practices training and certification course on March 3 in Springfield. And we believe it was a success from comments received like, "I had fun and it was a wonderful learning experience." The manual was prepared by Patrick Engineering through a grant from Illinois DCEO. Twenty one recyclers attended the class that covered topics ranging from optimizing efficiencies in MRF design and operations, to marketing, to pollution control and good neighbor practices. But perhaps the section that received the most positive comments was the health and safety section with a presentation by Paul Siedlitz, an industrial safety expert with the DCEO Industrial Services Division's Chicago office. Of particular note, the Siedlitz presentation included the On-site Safety and Health Consultation Program offered by DCEO at no cost to Illinois businesses. For more information about this excellent program go to www.illinoissha.com.

The purpose of the BOP training is to identify and share best practices that increase efficiency and safety for Illinois' recycling industry. IRA is pleased to offer this training and certification program as a continuing education tool for newcomers and experienced recyclers, to raise the level of professional recycling in the state. The presentation contained a lot of information and the exam is challenging, but all attendees did pass the course exam and will be receiving their certifications soon. Attendees of this course can also earn four CUE's toward SWANA's certification program. IRA will be offering this course at the annual conference in Alsip and also is looking at another opportunity this fall.

COMPUTER RECYCLING COMMISSION

Illinois Public Act 94-0518 created the Computer Equipment Disposal and Recycling Commission. This commission is charged with investigating problems and concerns related to disposal and recycling of electronic equipment; to advise the general assembly with respect to legislative, regulatory or other actions that may be needed; and to make recommendations regarding the development and establishment of pilot and ongoing programs. An initial findings and recommendations report is to be issued by May 31, 2006.

The Commission held a meeting January 11 and presentations were made by the Environmental Law and

Policy Center, Electronic Industries Alliance, Illinois Retail Merchants Association, ILCSWMA and IRA. To see more information from these groups and IRA's presentation of issues and concerns, please go to www.illinoisbiz.biz/Bureaus/Energy_Recycling/Events. Finally, the Commission is to begin an evaluation of programs by the state on May 2007 and issue an evaluation report and recommendations before December 2008.

"PRESIDENT'S VIEWPOINT"

As you know, electronics recycling has been and is a controversial issue – not that recycling electronics should not be occurring (of course, assuming that legitimate recycling activities are employed) but rather who should pay and under what mechanism. As we all know the consumer ultimately pays. So the questions remain – should an advanced recycling fee be levied to the purchase price? And should the manufacturer or retail merchant then deposit monies into an account managed by a third party, presumably a state agency, for disbursement? Finally, will advanced fees encourage e-scrap recycling or should consumers pay for recycling of the electronic item at its end of use?

Proponents for an advanced fee system view this option as an opportunity to provide up-front revenue to fund recycling programs and infrastructure. Indeed it will generate revenue. Will it be too much or too little when the component actually enters the recycling system? A similar avenue has been traveled before in Illinois by levying solid waste management fees that were expressly intended to fund comprehensive solid waste management and recycling plans and programs in Illinois. Solid waste management fees generate about \$25 million a year. Unfortunately, only about \$12 million has been made available to IEPA and DCEO for direct activities and related administrative costs over a number of past years. The remaining funds, like other special funds, have been transferred to help meet other state needs. So I am not a proponent of this possibility, unless there are some unequivocal restraints.

"QUIPS AND QUOTES"

"I've always thought that underpopulated countries in Africa are vastly underpolluted."

– Lawrence Summers, chief economist for the World Bank, explaining why we should export toxic wastes to Third World countries.



IEPA Fosters True Recycling

BY DOUG SCOTT, DIRECTOR OF ILLINOIS EPA

As Director of the Illinois Environmental Protection Agency it is a pleasure for me to write this note for the Illinois Recycling Association's Material Matters. As many of you will remember, I served on IRA's Board of Directors from 1993 to 1995. At that time I was the City Attorney for the City of Rockford and was instrumental in developing Rockford's curbside recycling, composting and household hazardous waste collection programs. I am happy to report that those programs are still successful today.

Since then I have served as an Illinois State Representative and in 2001 was elected to serve a four-year term as Mayor of Rockford. Effective July 1, 2005, Governor Blagojevich appointed me Director of the Illinois EPA. In my first few months as Director, I have encountered many challenging issues, not the least of which has been promoting and encouraging more recycling in the state.

The agency's goal is to reduce waste disposal and to increase proper recycling. In order to accomplish this, the agency will be evaluating facilities on a case-by-case basis to determine whether true recycling is taking place, or whether the facility is in fact a waste handling operation that requires an agency permit. Factors that the agency will consider include:

- Whether activities at the facility meet the Environmental Protection Act's definition of "recycling, reclamation or reuse."
- Whether the facility handles waste or is a transfer station.
- Whether materials handled by the facility are commonly recycled, reclaimed or reused.
- Whether the materials have specific handling requirements under the Environmental Protection Act, such as landscape waste or tires.
- Whether materials leave the facility for recycling, reclamation or reuse on a regular basis.

The agency will continue to encourage and support true recycling while remaining vigilant against the sham recyclers and junk hoarders who cause problems for both the agency and the recycling community.

I am confident that our efforts will foster recycling opportunities in Illinois and will help to deter those businesses and individuals who operate illegally and give recycling a black eye.



IRA Launches Online Membership Directory

DIRECTORY FEATURES SEARCH ENGINE AND STATE RESOURCES

Earlier this year IRA launched its new online Membership Directory. In this directory, you can view an alphabetical list of all IRA members or click on Member by Category and get a list of all business members or all government members, etc. Additionally, business and not-for-profit members can be sorted by sub-categories such as Fluorescent Bulb Recyclers or Processors. The Directory also contains a search function where you can find a member by name or company name. The entire directory as well as any searchable category is designed to be printer friendly so you can print out a copy for quick reference on your desk or in your briefcase. Other special features of the printed directory have been retained as well, such as a listing of IRA's Board of Directors, state elected officials, IL House and Senate Environment and Energy Committee members and other state government resources.

Best of all, unlike the former printed version, the online Membership Directory will never become out of date. The Directory will be updated regularly and new members will be listed immediately upon joining. (If your listing needs to be updated or changed in any way, please email the correction to executivedirector@illinois-recycles.org.)

By making the Membership Directory publicly accessible, we believe it will be a more valuable tool for current and new members. Our web site averages 3,000 hits per day, which has doubled from the same period last year. This means increased visibility for your company or agency on the Internet. It will now be easier for information seekers and potential clients to find you through the IRA web site. Check it out at

www.illinoisrecycles.org.

AROUND ILLINOIS

DEWITT COUNTY HUMAN RESOURCE CENTER AUTOMATES RECYCLING PROGRAM

The DeWitt County Human Resource Center now has the equipment to continue its recycling services to the residents of DeWitt County. Funds received in May from the DeWitt County Board, area townships and private donations were used to purchase a horizontal baler, sort line, two tippers, a metal separator and bobcat. This equipment now allows the Center to move away from the hand sorting of materials into an automated process. The Center also began baling all recycled materials processed.

An Open House was held in October to showcase the equipment and allow the general public to see how their hard work in the procurement of funds has paid off. Demonstrations were given on changes in the recycling process, and how to sort and bale different types of materials. The general public was very interested in seeing the processing of materials they dropped off at the Center.

The DeWitt County Human Resource Center provides drop off bins in its east location as well as each community in DeWitt County. The Center provides regular pick-up of the contents, as well as a pick-up service to its business customers. The Center has expanded this service and placed multi-section containers with its current business customers, through a grant from the Illinois Department of Commerce and Economic Opportunity. In addition, this grant will allow the Center to offer a confidential shred service for DeWitt County.

The Center accepts all materials except for glass. By the third month of operation with the new equipment, the Center has doubled the materials processed and volumes are expected to continue to increase. The Center currently provides employment to 30 workers with disabilities and is looking at expanding its hours of operation to accommodate the growing needs of the community.

For more information about the Center's recycling program and services, contact Steve Brittin or Debbi Logan at 217-935-2218.



CITY CARTON RECYCLING ADDS EXECUTIVE MANAGEMENT TEAM POSITIONS

City Carton Recycling has promoted four associates to create the company's first Executive Management Team. Brian Holtz will serve as the company's Eastern Division Manager; Tim Ockenfels as the Southern Division Manager; Frank Miller as the Iowa City Division Manager; and Chris Ockenfels as the Northern Division Manager. Each will be responsible for the recycling company's operations in their respective areas.

According to City Carton Recycling President Andy Ockenfels, the company has grown throughout the Midwest in its 39 years in business.

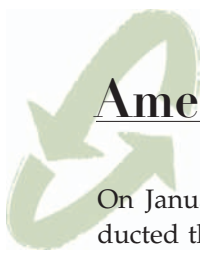
"We plan to continue growing in the recycling industry and offering expanded services to our customers including equipment sales and service, confidential material destruction, and plastics marketing," he stated. "It will be the responsibility of the Executive Managers and their Regional Teams to insure the recycling needs of customers in their regions are met."

Brian Holtz served as Vice President of the Illinois Recycling Association in 2004 and on its Board of Directors in 2002 – 2004. He has 13 years experience in the solid waste and recycling industry, previously serving five years as City Carton Recycling's Quad Cities Recycling Facility Manager. Holtz is an Environmental Health graduate and holds his masters in Business Administration from Illinois State University, Normal.

City Carton Recycling, headquartered in Iowa City, was founded in 1967. The Company is Iowa's largest full service Paper Recycling Company and one of the largest full-service recycling companies in the Midwest.



Brian Holtz, newly-appointed Eastern Division Manager for City Carton Recycling, is the former Vice President of the IRA Board of Directors.



America Recycles Contest Winners are from Coast-to-Coast

NATIONAL CONTEST DRAWING WINNERS ARE ANNOUNCED

On January 30, the National Recycling Coalition conducted the America Recycles national contest drawing. Preston Read, Vice-Chair of the Board of Directors, was on-hand to officiate the drawing, held at the Prince George's County (Maryland) recycling facility, operated by Recycle America Alliance. Winners were chosen from thousands of recyclers who pledged funds to the annual fundraising drive. Total pledges raised through this year's campaign were more than \$112,000.

Myrna and Harold Gittler of Plainview, New York, were the lucky winners of the Grand Prize, a 2006 Ford Escape Hybrid SUV.

The winners of the youth prizes, who received Trek model 4300 aluminum bicycles provided by Novelis Corporation:

Lindsey Martin - Saginaw, Michigan

Melvin Patrick Pearsall - Palm Bay, Florida

Julianna Foglio - Fresno, California

Brendan Nelson - Avon, Connecticut

Johnny Doe - South Carolina

Congratulations to each winner and to each state/local coordinator from a winning pledge state.

Thank you everyone for your help in making six people very happy recyclers!



The Grand Prize – a 2006 Ford Escape Hybrid SUV— served as the container for the more than 110,000 pledge cards from which the winner was drawn. Individuals across the country pledged to increase their recycling and buying recycled products.



Preston Read, vice-chair of the America Recycles Board of Directors and Kate Krebs, executive director of the National Recycling Coalition, are on hand to officiate the national contest drawing.

SPOTLIGHT ON DDCFO

RECYCLING EXPANSION AND MODERNIZATION (REM)

The DCEO REM Program is initiating an innovative new approach to funding qualified projects. The new REM "multicompany approach" will involve project activities that support the existing REM program goals to divert materials from the solid waste stream and improve the performance of Illinois businesses, while demonstrating public economic benefits. However, unlike a traditional REM grant which is awarded on a company-specific basis, an REM Multicompany project grant will provide funds for an eligible REM project that involves services to several participant businesses.

An REM Multicompany grant of up to \$150,000 may be provided to a grant administrator entity (grantee), a qualified intermediary organization, with funds then provided by the intermediary directly to a consultant firm or technical service provider, for services to be provided in the REM

project. The DCEO anticipates that initial projects will fall into the REM "demonstration" service classification and will involve activities similar to those conducted in a business waste assessment service project (i.e. waste audits and process improvement activities). A grant applicant must comply with the REM application process involving a proposal letter, a formal application, evaluation, and the execution of a grant agreement.

While supporting the achievement of REM program goals, this project model offers several benefits:

- Increased program management efficiency — providing one grant agreement for the benefit of a number of Illinois companies.
- Improved program networking between DCEO and existing business service providers — thereby expanding the "reach" of the REM Program.
- Increased capacity among trade associations, business groups, and

service organizations in Illinois — for increased awareness of solid waste management issues.

- A more robust and self-sustaining solid waste management consulting industry in Illinois — through DCEO support of projects that involve private waste management consulting firms.

The funding amount for each proposed project is based upon a project's level of support of REM Program goals of materials diversion, improved company performance and public economic benefits. However, DCEO will also consider the innovative and unique features of the project, the replicability of the project with other Illinois organizations, and the potential for capacity-building in applicant organizations.

The plan is to implement this model as a pilot effort in 2006 and approve only a few grants. The success of these few pilot projects will dictate the level of use of this project model in future years.



E-Cycling Update

MAINE LAW TAKES EFFECT; WASHINGTON PASSES NEW MEASURE • BY GARY MIELKE

Maine and Washington have joined California, Maryland as the leading states in recycling used electronic equipment. As a reminder of the need for these efforts -- PC shipments in the U.S. rose 10% in 2005, with estimated shipments of 64.1 million computers. Here's a brief review of the state approaches:

CALIFORNIA

The only Advanced Recycling Fee program in the U.S. took effect January 1, 2005. Through November, 34 million pounds of equipment had been collected. See www.ciwmb.ca.gov/Electronics/Act2003/ for details.

MARYLAND

A pilot "Producer Responsibility" system took effect July 1, 2005. Manufacturers must register with the state and pay an annual \$5,000 fee. The money goes to a state recycling trust fund to be used by local governments to fund e-cycling programs. *[100 manufacturers at \$5,000 would generate \$500,000 per year. That level doesn't seem to be enough for a statewide program, but \$5,000 isn't much for a manufacturer to pay. It will be interesting to see if or when they increase the fee.]*

MAINE

A "Shared Responsibility" program took effect January 18, 2006. Local governments must collect household e-products. "Consolidation facilities" must collect equipment and ship it to recyclers; and count monitors and televisions by manufacturer. Manufacturers must pay consolidators for recycling their own products, plus a pro rata share of "orphan" products.

WASHINGTON

On March 24, the governor signed a producer responsibility approach. Beginning January 1, 2009, the Evergreen State will require manufacturers to either create a system to recycle their products sold in the state, or pay the state \$0.50 per pound for recovered materials. There must be at least one collection point for every city with a population of 10,000 or more, and at least one point in each county. For a fact sheet on this new program, see www.productstewardship.us/supportingdocs/WA_Electronics_Law.doc



Environmental Benefits of Recycled Paper

REVIEWING THE BASICS

Two environmental groups, Environmental Defense and the Alliance for Environmental Innovation, have developed a report which summarizes the reasons that recycled paper is better for the environment than virgin paper. The fact sheet is available at www.environmentaldefense.org/documents/2602_QArecycledPaper.pdf

The report revisits such basic questions as:

- Does paper recycling save trees?
- Doesn't the paper industry replant more trees than it cuts down?

- Do the young trees in plantations consume more carbon than older trees?
- How does switching to recycled paper reduce greenhouse gas emissions?
- What about sludge from recycled paper mills?

The Environmental Defense website contains an effective search engine and a wealth of information in its publication archive, which is easily searchable by topic, year, type of report or popularity.



Guns and Recycling Don't Mix

Charleston County, South Carolina has asked their residents to, "Please, don't recycle your old guns and ammunition." The county made the request after a loaded gun was found earlier this year at the county recycling plant.

In January, a worker at the sorting facility found a paper bag with bullets inside. Next, workers found a box with bullets and three guns – one of which was loaded. Police were called to pick up the guns and ammunition.

No one in Illinois was aware of a similar problem ever occurring here, according to an informal survey of selected sorting plants. One operator guessed that handguns would be automatically separated by their magnets and mixed into the ferrous metal pile.

"The worst thing someone can do is put these items in their recycling bins or drop-site containers, because those items are hand-sorted by people," said a county spokeswoman.



Kohl Children's Museum Moves to New Location

BY MARY ALLEN, RECYCLING AND EDUCATION DIRECTOR AT SWANCC

In October 2005, Kohl Children's Museum of Greater Chicago moved from its Wilmette location to 2100 Patriot Blvd. in Glenview. Tripling its space, the museum now features 16 interactive, hands-on exhibits geared for children ages eight years and younger, including the construction-themed Hands-On House, a Dominick's Supermarket, Water Works, and Nature Explorers, which includes a special component teaching children about recycling. Habitat Park, a two-acre outdoor exhibit, sculpture trail and landscaped garden area will open in summer 2006.

The museum was designed to be an exceptionally environmentally-friendly and energy-efficient building,

expected to receive a Silver LEED (Leadership in Energy and Environmental Design) certification from the U.S. Green Building Council. A temporary exhibit It's Easy Being Green will track the construction of the museum and highlight its many "green" aspects, such as clerestory windows, special carpeting and floor tiles, and ceiling panels made of recycled materials.



For more information, contact the Kohl Children's Museum at 847-832-6600 or visit the web site at www.kohlchildrensmuseum.org.

NEW IRA MEMBERS

Welcome New Members:

Dorlisa Walker

Give A Computer.Org
Thornton, IL

Steve Smith

ABC Sanitary Hauling and
Recycling
Champaign, IL

Lindsay Sammon

River Shannon Recycling
Morton Grove, IL

Thomas Falender

Mervis Industries
Champaign, IL

Duncan Randy

We Care Recycling
Carlinville, IL

Welcome Current Members' New Staff:

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Abitibi Consolidated
Recycling Division
St. Charles, IL

Leah Dettmers

Madison County Planning and Development
Edwardsville, IL

Marta Keane

Will County Land Use Dept.
Joliet, IL

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- David Shelangouski, Black Hawk College
- Andilee Warner, Southern Illinois University Carbondale
- Ed Wollet, DeWitt County Human Resource Center

The IRA is a statewide professional association comprised of business, government, educational institution, non-profit and individual recyclers that provide for the exchange of information and ideas on resource conservation through re-use, recycling and waste reduction. IRA is a state affiliate of the National Recycling Coalition. *Material Matters* is published four times per year. To advertise or submit articles for publication, contact the IRA office:

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