

Construction & Demolition Recycling Conference Premieres in Charlotte

The Carolina Recycling Association is presenting the Southeast Construction and Demolition Recycling Conference: Opportunities in Greener Building, December 7-9, 2010, at the Sheraton Charlotte Airport Hotel.

A New Era in Construction/Demolition Recycling

Consider for a moment:

- Construction and Demolition (C&D) waste is fairly uniform in composition compared to household and business waste.
- Construction activity is a phased process with predictable waste streams created at each stage.
- Construction materials are highly recyclable and reusable.



Combine these facts with an exploding green building movement and – SHAZAM!!! – you have all the ingredients for a revolution and the start of a new era in construction waste management. It's a

world where waste reduction rates of 55-90% are the norm, where a thriving recycling micro-economy creates jobs, and where innovation further incorporates recovered building materials into new construction until we really do close the proverbial recycling loop.

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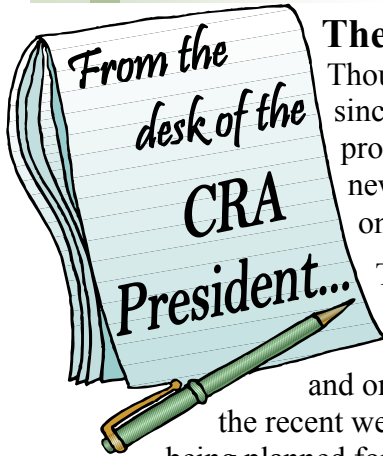
EPA Recognizes SCDHEC for Leadership in Recycling

On November 5, 2010, the U.S. Environmental Protection Agency (EPA) announced that it has awarded the South Carolina Department of Health and Environmental Control (SCDHEC), Office of Solid Waste Reduction and Recycling the Notable Achievement Award for a state program.

The award recognizes the SCDHEC office's outstanding contributions to achieving the goals of EPA's Resource Conservation Challenge, which is a national effort to conserve natural resources and energy by managing materials more efficiently. Notably, the SCDHEC Office of Solid Waste Reduction and Recycling's education and outreach efforts extend beyond the state's schools to programs designed for industry and local government programs.

The South Carolina Smart Business Recycling Program is a partnership between SCDHEC and the SC Department of Commerce. This program offers free,

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The RWord is back.

Though it has been a while since the Association has produced its official newsletter, much is going on.

There have been three Connections meetings, two in South Carolina and one in North Carolina, in the recent weeks. More are currently being planned for Asheville, Greensboro, and Charleston. Look for announcements from Dave VanDeventer soon.

The CRA is producing the first Southeast Construction and Demolition Recycling conference in December. Construction accounts for a high percentage of raw material extraction in the US. The opportunity for material recovery along with ever greater initiatives in green building presents well for the inaugural conference to be a success. Many thanks to Michael Talbert and Barry Edwards for co-chairing the effort. (I would be remiss if I fail to mention Amada Kain, who does all the work.)

Planning is well underway for the 2011 Annual Conference in North Charleston. The program committee is pulling together a great list of presenters. Our Exhibit Hall is even larger than last year's at the Grove Park Inn. It promises to be engaging, entertaining, and exciting. All rooms at the Embassy Suites are suites and available at an attractive rate. Book through the following weekend for the Bridge Run! Book early, the Run brings thousands to Charleston.

As most know, the CRA was on tenuous ground a year ago. Thanks to the work of the previous and

current boards, we are solvent and active. My appreciation goes out to a long list of people who recognized the value in our association and stepped up with the support and effort it took to right the ship. I am blessed to be surrounded by such dedicated and talented individuals. Now we are moving forward. We don't look the same as in the past, but change can be good. Without full-time staff support our structure has changed. We are leaner. Maybe in that we can be greener. Most importantly, we are holding onto what matters the most, you, our members. And our members are accomplishing great things! As noted on the cover page, SCDHEC's Office of Waste Reduction and Recycling recently received a significant award from EPA Region IV for their innovative efforts for resource recovery.

As the CRA moves forward, we will still have opportunities throughout the year to network, share, and learn. The Connections Meetings have had strong attendance, except when I make a bonehead move and schedule one at 4:00 before a holiday weekend. Oops. Our annual conference continues to be one of the best SRO conferences in the nation. Next year in Charleston that tradition will continue. The C&D conference will bring a new demographic into our fold. We are growing and getting stronger. The RWord will come out again in late winter. We will publish three times a year. We are active again in advocacy. The CRA was present during the drafting of the NC E-Waste legislation this year. SC has potential legislation in the next session that could greatly enhance resource recovery in the Palmetto State. The CRA will support the effort.

Again, my appreciation to those who have worked so hard to bring us to where we are. I look with excitement to where we are going.

Will Sagar



The CRA membership drive is underway. If you have been a member in the past, please considering renewing your membership upon receiving your renewal invoice. The rate structure has changed slightly to standardize the membership fees across all categories. Many of you sign up for your CRA membership at the time of annual conference, so it's not too soon to reapply so your organization can get the CRA rate for 21st Annual Trade Show and Conference in March 2011 in Charleston, SC.

Please contact Dave VanDeventer with any questions – cra.sc.rep@gmail.com.

C&D Conference...cont. from p.1

In truth, this new era has practically arrived. In the construction industry, it really is possible today to achieve extraordinary recycling rates (local contractors have achieved 95% recycling rates on major job sites) and most building materials can be remade into new building materials. But in spite of this tremendous opportunity, not everyone is on-board yet – and there are still gaps in the recycling infrastructure: not all C&D materials can be readily recyclable in every part of the country. That is what makes this upcoming conference so important and so timely.

The Conference.

This conference brings together the three key stakeholders:

- the building industry (builders/contractors, architects/designers, engineers),
- the recycling industry (haulers, processors, manufacturers), and
- government (local, state, federal).

It is an unprecedented opportunity for people to learn from one another, to focus the movement, and spearhead the next phase in the C&D waste revolution.

Why Attend?

- The conference includes tours of two C&D material processing centers, an asphalt shingle recycling operation and a C&D landfill which is recycling 25% of incoming materials.
- Our keynote speakers include respected leaders in the industry offering their experiences and insights.
- Over 30 of the Southeast's leading experts in C&D recycling will educate and inspire you.
- Uninitiated builders can learn the basics of recycling and green building.
- Expert green builders will share their experiences and discuss the cutting edge.
- Governments will learn what we can do to facilitate the advancement of this exciting field – what programs can be implemented, what policy incentives work.
- The recycling industry will share their perspective, learn what is coming next, and network with industry professionals.

So where are you going to be on December 7-9, 2010? Viva La (C&D Recycling) Revolution!

For More Information

Full conference details can be found at

www.cdrecyclingconference.com

Michael Talbert heads up the Construction & Demolition recycling program for Mecklenburg County.



SCDHEC...cont. from p.1

confidential, non-regulatory assistance to businesses including site visits, technical assistance, research and contacts for potential vendors, workshops and a recognition program.

South Carolina's *Recycle Guys* are one of the most popular and widely recognized icons of the recycling industry; they are used in at least ten states and numerous local governments to promote recycling and reuse. The SCDHEC Office of Solid Waste Reduction and Recycling has developed additional age-specific education programs for students Kindergarten through Grade 12.

The Office has also partnered with South Carolina's four largest airports for a comprehensive airport

recycling program, providing recycling-on-the-go options for more than 5 million travelers each year. Local government recycling coordinators and workers are educated through Recycling Center Attendant Training and Recycling Professionals Certification.

The SCDHEC Office of Solid Waste Reduction and Recycling's diverse programs and multi-faceted outreach efforts demonstrate leadership and innovation in reducing the impact of solid waste on the environment and the economy.

Persons interested in obtaining additional information are encouraged to contact Steve Smith at (404) 562-8501 / smith.steved@epa.gov or Richard Chesley at (803) 896-4209 / cheslerl@dhec.sc.gov

Perspectives

Some Thoughts on Recycling

Disclaimer: The views and opinions expressed in this article are those of the author and do not necessarily reflect the official policy or position of the Carolina Recycling Association.

I am the chief executive officer for a regional government in west-central South Carolina. We work with nine counties that cover 5,000 square miles, with a population of 400,000. Our demographics are similar to what you might expect to find in the rural South. Most people I talk to want to recycle, but they don't want to pay extra for the privilege. Our overall recycling rates are about typical for South Carolina – nothing to brag about – but we are embarking on a new program that we hope brings about some dramatic changes. Our costs per capita for solid waste services are well below the state and national averages – we can brag about that, and we don't want to reverse that trend.

Our regional government is a “joint agency,” a political subdivision of the state. We are funded entirely from

revenues received for services performed. We do not assess our member counties or cities, and we have no authority to impose taxes or fees on the people of this region. So, if you've heard that “government needs to run more like a business,” then you understand the philosophy behind the creation of a joint agency.

My challenge as it pertains to recycling is the same as my challenge for any other service we provide – how do we create the biggest bang for the buck, and how do we make the cost/charge for this service less than other, legally available options? (e.g., landfills)

When we tackle recycling from a business perspective, we find ourselves looking at the proverbial three-legged stool, i.e., a stool best supported attention is given to: 1) quality; 2) quantity; and 3) cost. The problem is that these three essentials are often in conflict with one another. More quality means less quantity and vice versa, and fixing that problems means more cost.

[cont. on p.6](#)



On the Ground

Disclaimer: The views and opinions expressed in this article are those of the author and do not necessarily reflect the official policy or position of the Carolina Recycling Association.

It's been some years since I last penned this column. If anyone remembers how many, help me out here. ...Our President, Will Sagar, foolishly prevailed on me to return to it. He's a persuasive guy, so here ya go. I hope I'll be able to live up to Will's expectation to provide readers with a useful perspective on how to move recycling and waste reduction forward in the Carolinas. I have to apologize in advance to my South Carolina colleagues for my ignorance of what goes on there and hence my parochialism that focuses much more on North Carolina.

Almost everywhere I go now it seems recycling is much more prevalent than even two or three years ago. Perhaps I can now consider not writing my annual therapeutic post-vacation screeds to the mayors of Emerald Isle and other beach towns about the need for beachside recycling bins. My last trip to Emerald Isle I saw well-used recycling

bins paired with almost every beach trash can. My heart sang a little bit, especially when I saw the drunks at the next blanket actually throwing their empties on to shore where their compadres ferried them to the bins, instead of drowning them in the surf. Sadly this was not quite true at the famous and well-attended Lexington Barbecue festival where there was only one lonely recycling cart among the many, many garbage cans and lots of discarded cans and bottles.

Obviously the ABC mandatory recycling law and the subsequent implementation of the state's plastic bottle ban at landfills have had some effect, though I still compulsively ask my NC hoteliers when I travel if they can recycle my empties or do I have to take them with me. Most conventional hotels I've stayed in recently have yet to expand recycling to the rooms though they may have it in the bar, if they have a bar, 'cos that's the law.

To encourage more public acts of recycling, the State office formerly known as DPPEA produced a handsome

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Leigh Fibers Launches Carpet and Plastics Recycling Company

[Leigh Fibers](#) (Wellford, SC) has established a dedicated business unit to divert discarded carpet and plastic from landfills and turn it into fibers and densified product used by plastics molders. Current and near-term equipment installations will give Leigh Carpet & Plastics Recycling, LLC the capacity to keep more than 100 million pounds a year of used carpet out of landfills, which would increase the volume currently diverted in the United States by about one-third.

“Every ton of carpet we can recycle saves 198 gallons of oil and prevents the emission of two metric tons of greenhouse gases,” said George Martin, executive vice president of marketing and sales for Leigh Fibers. “Our goal is to reduce the nearly 3.5 million pounds of post-consumer carpet waste that goes into landfills each year, while giving customers the high-quality materials they need to mold new products.

“Not many U.S. companies have the capability to separate the face fibers from the carpet backing and sort them by type,” said Martin, “and fewer

still can turn those fibers into densified product, ready for molders to use. Leigh Carpet & Plastics Recycling has the equipment and experience to do both.”

The new venture is already reprocessing the most common carpet fibers - Nylon 6, Nylon 6.6, polypropylene, and polyester - at a one-million-square-foot facility in South Carolina operated by its parent company. Leigh Fibers has long been one of the world’s leading processors of textile waste and fiber by-products, providing standard and custom products to meet demanding specifications in many different markets.

“Reprocessing plastics and carpet is a natural extension for a company that’s been reprocessing textile fibers for much of the last century,” said Martin, “and we expect it to play a significant role in Leigh’s future growth. We’ve been refining our processes for the past several years and are ready to be a major supplier in this market, as we are in our other markets.”



Demand for Recycled Materials Fuels Economy in Southeast

The Southeast Recycling Development Council (SERDC) recently unveiled the conclusion of a two-year study documenting the heavy regional presence of manufacturers that depend on postconsumer recycled glass, plastic, paper, aluminum, and steel to make consumer and industrial products. The study finds that more than 206 key industrial facilities across the Southeast depend on recycled feedstocks that flow from community and commercial recycling efforts. These companies collectively employ more than 47,525 persons and see a sales volume exceeding \$29.4 billion per year.

The motivation behind this project lies in connecting recycling’s impact to the Southeast’s strong manufacturing base. “Some of the nation’s and world’s largest recycling end users call our region home. Unfortunately, many have to look beyond the Southeast

to find materials, while these same commodities are disposed in landfills across the Southeast,” said SERDC Chairman Steve Carreras.

By collaborating across state lines, SERDC works to build effective recycling collection systems that deliver local supplies of valuable materials to manufacturers who employ 10’s of thousands of people in the region. “When communities invest in local recycling collection programs in the Southeast, they ensure a flow of commodities to some of our most important businesses that has a much smaller carbon footprint than material coming from California or New York,” explains Scott Mouw, SERDC Board Member and director of North Carolina’s recycling program.

SERDC Policy Director Will Sagar is actively touring the Southeast meeting with elected officials, recycling

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Manufacturer's Demand...cont. from p.5

associations, and industry representatives. Mr. Sagar says “The Southeast has active markets ready to grow and expand with local recycling collection programs. Today’s plastic bottles can turn into tomorrow’s carpet or new bottles, soda cans into more aluminum sheet, newspaper back into newsprint – all without leaving the Southeast. It’s a message that local officials are eager to understand and it is motivating them to step up material collection efforts.”

Findings of the research are housed in an interactive web database on SERDC’s website at www.serdc.org/regionalresources. Regional economic reports and state-specific fact cards are also available for download. This project was made possible in part with grants from the Environmental Protection Agency, Region 4 and Alabama Department of Economic and Community Affairs.

*Thoughts on Recycling...cont. from p.4*

Our new recycling initiative will address the above-referenced conundrum by doing two things: 1) producing a solid fuel from the residuals recovered at the end of our MRF and 2) picking up more recyclables from businesses. We’ll move more materials through the MRF in shorter time – leading to more quantity and less quality – but we’ll recover the lower quality (and higher quantity) residuals on the back-end by turning them into a “process-engineered fuel (PEF).” This is a solid fuel that is well-suited to compete with coal and wood in fluidized bed combustors or gasifiers. It is not RDF (which in the past sometimes meant “garbage” by another name) but is consistent, high-BTU fuel, free of hazardous materials. It should be worth about what wood chips are worth – around \$2.50 per million BTUs. As more and more biomass combustors come on-line, it could be worth slightly more. The real benefit to the recycling system is that it turns a cost into a revenue, because residuals are sold and not landfilled.

The picking line will still be used to recover the high-value, traditional recycling commodities. For instance, at \$2.50 per million BTUs, processed cardboard would be worth around \$40 per ton. Why would we go to the trouble to process it and sell it for \$40 when we could more easily bale it and sell it for \$140? We wouldn’t – the object is to create a new commodity that produces a revenue stream as opposed to producing a waste stream that costs money to dispose and takes up landfill space. We want as much of the high-value material as we can get. So, by accepting lower quality, mixed recyclables at the Drop-Off Centers, we will get participation rates up, and we will get more materials recovered than before. Our post-consumer, residential recycling rate today is around 6%. Our goal with the new program is 50%.

The other area we’re concentrating on is business recycling. We are offering more services to businesses than before, because we can process their “off-spec” recyclables and turn them into fuel. For those that don’t

already participate in a recycling program, we can pick up and process their recyclables. Generally speaking, business recycling has been the darling of the recycling industry. Many companies and business establishments (think Wal-Mart or Home Depot) are already generating large quantities of recyclables because they can impose better systems for quality control than the municipality can impose on its participating citizens. (They can fire the employee who does not perform, but can we fire the taxpayer?) We have found that there are many businesses that are not being served, so we are setting out containers and providing collection services for their recyclables.

Recycling in rural America is a huge challenge. To succeed financially, you need economies of scale. Our capital investment will be well into the millions of dollars when we’re finished, but the system will be run like a business. We want quantity and quality, and we don’t want to pay any more than we would pay for disposal.

Colin Covington is the General Manager for Three Rivers Solid Waste Authority.



Highlights from NC

DPPEA changes its name – As part of the North Carolina state budget, the former Division of Pollution Prevention and Environmental Assistance was merged with the DENR Customer Service Center to form a new Division of Environmental Assistance and Outreach, or DEAO. All the recycling technical assistance and grant programs in the Division remain intact and available.



DEAO bids farewell to Kelley Dennings – The engine behind North Carolina’s dynamic and nationally recognized recycling outreach efforts, Kelley Dennings, left in October for a position with Keep America Beautiful, focusing on recycling education and infrastructure issues. We will miss Kelley, but she will always remain part of the North Carolina recycling family.

Local Government Assistance Team crafting 2-million ton strategies – Rob Taylor and his DEAO local government assistance team are producing a strategic plan that will help get North Carolina material recovery tonnage up to 2 million tons per year. This strategy will be reflected in DEAO technical assistance, outreach efforts, and grant cycles. It will include emphasis on commercial and multi-family recycling, collection of shingles and other C&D materials, and improving curbside recycling performance (e.g., through conversion to carts).

NC’s electronics recycling law underway - DENR is now implementing S887, the new electronics recycling legislation passed by the General Assembly in July that includes opportunities for communities to receive financial and manufacturer assistance with local e-scrap recycling programs.

[Click here for more information.](#)



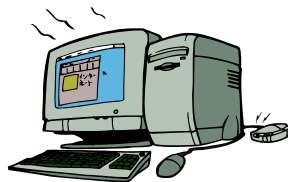
DEAO supporting CRA’s Southeast C&D Recycling Conference

DEAO staff are assisting CRA in pulling together the program for the first major conference in the Southeast on C&D recycling. In addition, DEAO is offering up to 15 registration scholarships to North Carolina local governments to attend the Southeast C&D Recycling Conference

scheduled for Charlotte Dec 7-9. Scholarships cover the full cost of registration. Recipients are responsible for all other travel costs. The conference will be a unique opportunity to learn the latest in C&D recycling, including material markets, processing techniques, and regulatory changes. Scholarship applications are available only for North Carolina local government staff. Only one person per jurisdiction will be eligible. To submit your request for a C&D Recycling Conference scholarship, please email [Wendy Worley](#) with DEAO.

NC participating in national EPR dialogue on financing recycling

- DEAO is representing North Carolina in a newly convened EPA dialogue exploring possible extended producer responsibility for packaging, which could include brand-owner financing of part if not all of the national recycling system.





Updates from the Palmetto State

In 2009, it was estimated that in S.C. more than **400,000 tons** of easily recyclable material – cardboard boxes, office paper, aluminum cans, plastic bottles as well as glass bottles and jars – was sent for landfill disposal in FY09. Using the state's average MSW tipping fee of \$35 per ton, more than **\$15 million** was spent to dispose of this material. Even worse, nearly **\$52 million** in potential revenue from the sale of these recyclables was lost based on the average revenue received per ton by local governments for each of these types of material. (Source: DHEC Office of Solid Waste Reduction and Recycling).

In GA, in 2004, \$100 million was spent to bury \$300 million worth of recyclable materials. (Source: GA Department of Community Affairs). In S.C. and GA, this net loss combines to equal nearly \$500 million, and opportunities for recovery of materials abound.

One business, Tomato Palms, has taken upon itself to make changes in those numbers. Take a look at [Nancy Ogburn's story](#) which was recently featured in the Greater Columbia Business Monthly magazine, to understand how a small business can make a big impact in the recycling and recovery of materials.

Local government collection programs are also making improvements in collection and recovery of recyclable commodities. York County was recently recognized in an [article](#) for the contribution that recycling makes to the bottom line. However, other SC counties like Williamsburg County face dire challenges. There, the county landfill is scheduled to close in May 2011, meaning the county will have to transport their waste elsewhere at a higher cost.

[Click here to read more.](#)

Working with the Recycling Industry Group's Business Environment Committee, the SC Conservation Voters have adopted recycling as a Common Agenda issue for 2011. The challenges with recycling were recognized as well as the opportunity the industry presents as an economic engine for South Carolina. Ultimately, increased recovery of materials leads to new jobs, increased tax revenues, and a better quality of life for SC citizens.

RMDAC and DHEC are both providing information to elected officials to help them to recognize the value of recycling in South Carolina. Check out DHEC's [Local Government Decision Makers Guide](#).

The S.C. Recycling Industry Group's (RIG) Strategic Plan has been completed by Donna London of the Jim Self Center on the Future at Clemson University. It is posted at www.newcarolina.org home of SC's clusters, or you can email [Chantal Fryer](#) for a copy.

CRA, New Carolina and S.C.'s Recycling Industry Group collaborated to provide a new specialty plate which promotes recycling with the Reduce, Reuse, Recycle specialty plate. The Recycling Industry Group is one of the state's economic clusters supported by New Carolina, SC's Council on Competitiveness.



Plates are available for purchase through the [SC Department of Motor Vehicles](#) – scroll down for DMV Form MV 95. Proceeds from the plate will support recycling efforts in South Carolina through programs run by the Carolina Recycling Association made available to the recycling industry and will support education and outreach initiatives as well as initiatives to help grow recycling across the state.

On the Ground...cont. from p.4

4"x6" vinyl sticker that reminds people "Aluminum Cans and Plastic Bottles Are Not Allowed in the Trash [and to] Recycle Instead" as another tool that anyone can use to promote recycling further. You can request some stickers from [Scott Mouw](#) or [Joe Fitzpatrick](#) directly at NC DOEA or call 919-715-6512.

The trick is once you get said stickers, to affix them to trash receptacles. You have to be a bit bold and it's a bit challenging sometimes to place 'your' sticker on someone else's property even for a good cause. This is especially curious when the stickers are clearly labeled as sponsored by Duke Energy, the State of North Carolina, and the Association of Post Consumer Plastic Recyclers, not exactly the guerilla vanguard. Though you become a bit of an eco-guerilla if you affix them to public on-street trash cans, dumpsters, or other places where cans and bottles clearly don't belong because that's against the law. So the moral dilemma of the greater good...are you breaking any laws pertaining to defacing public or private property when putting a sticker up to help enforce a "more important" law? Aren't you helping the owner of said receptacle and the planet and your fellow North Carolinians? You know if you ask permission to put the stickers on, it might never come and if it did, it would take about a year of coaxing, wheedling, and whining, and perhaps a lawyer's involvement. Better to ask forgiveness...perhaps.

Since I got my 5,000 stickers last year, I have been blatantly or stealthily putting them on shopping center trash cans where I shop, dumpsters where I dump, and the random public trash cans in pedestrian areas or airports or at a State aquarium or anywhere else they'll fit and perhaps do some good. I encourage others to do the same along with retrieval of at least one can or bottle a day from the street and that's easy, because sadly they're always there to be plucked up.

Speaking of cans and bottles, while the percentage of aluminum cans in Orange County's trash has dropped to less than one percent by weight, and plastic bottles are 2.4% of our trash, that still means about 160 cans and 300 plastic bottles were landfilled for each person in the County last year. That is way too many and Orange even led the state in plastic bottle recycling at 29 pounds per

person. I dare not even count glass containers, steel cans or the myriad other resources we've trashed!

Recycling has become much more mainstream than 23 years ago when this ball got rolling in the wake of the garbage barge. There was a big recycling effort at the State Fair this year, but sadly none at Lexington's Barbecue Festival. As Scott Mouw pointed out in the August issue of [Resource Recycling](#), recycling is now imbued with a much stronger 'jobs and economy' message than the late 80's 'save landfill space' message. It has certainly fallen off the national radar as an issue of any kind – environmental or economic. I am not even sure the Clinton White House mandate for use of

“Fact remains, recycling is the single everyday activity that can make the most environmental difference for many of us...”

30% post consumer recycled paper for Federal agencies is still intact. John Kerry [remember him?] never mentioned recycling during any 2004 campaign speeches I heard, although that year he was one of five Senate co-sponsors of a national bottle deposit bill. That went nowhere and hasn't been heard from since. Ever look at the trashed bottle and can 'counter' on the Container Recycling Institute web page? That's one depressing or inspiring site depending on how you view it.

To be sure, the policy wonks are still in there fighting against allowing subterfuges and tax schemes like counting combustion of paper mill black 'liquor' as a green biofuel and the FTC is still fighting the good fight against misuse or distorted use of the terms 'recyclable' and 'recycled content.' But the rest of us in the trenches of industry and local government barely have time to keep up with our own work let alone follow all these issues, important as they may be. Fact remains, recycling is the single everyday activity that can make the most environmental difference for many of us, especially those of us who remain carnivorous car users.

So let's keep our game on even during these tough times. A lot of work remains to be done and while all recycling is ultimately local, the Carolina Recycling Association can be a force in continuing to bring the message, policies, and programs to the 12 million or so people that reside in our two states. See you in March in Charleston.

Blair Pollock is a Solid Waste Planner with the Orange County Solid Waste Management Department

Upcoming Events



CRA and the Recycling Industry Group will host S.C.'s Recycling Industry Legislative Day on March 16, 2011 at the SC Statehouse. Mark your calendars for this day-long event featuring networking with legislators, information on recycling related legislation, and news on the industry's economic impacts.



OPPORTUNITIES
in
GREENER BUILDING

December 7-9,
2010

CHARLOTTE,
NORTH CAROLINA



The CRA would like to recognize the sponsors of the Southeast Construction & Demolition Recycling Conference:



Charlotte Region
Chapter



SAVE THE DATE!



Thank you for your support!



PO Box 1296
Greenville, SC 29602
(877) 972-0007

staff@cra-recycle.org

**Carolina Recycling Association
21st Annual Trade Show and Conference
March 29 to April 1, 2011**

Embassy Suites and Charleston Area Convention Center
North Charleston, South Carolina