

Recycling Works

Volume 21, Number 4

Fall 2015

A cooperative effort of the N.C. Department of Environmental Quality and the Economic Development Partnership of North Carolina.

Recycling Business Grant Applications Now Accepted: Nov. 10 Deadline Fast Approaching

by Wendy Worley, Recycling Business Development Specialist

The 2016 Recycling Business Development Grant round is now open and the application deadline is fast approaching. Applications are due to the Recycling Business Assistance Center (RBAC) by 5 p.m. on Tuesday, Nov.

10, 2015

More information and application materials can be

Application Deadline: Maximum Grant Award: Minimum Cash Match: Total Funds Available: by 5pm, Nov. 10, 2015 \$40,000 50% grant award \$630,000

What kinds of projects are eligible?

Grant money is intended to fund sus-

tainable investments in equipment and

buildings necessary for increasing the

capacity of a recycling business to di-

vert more materials from disposal and

into
economic
use.
Projects

found in the Request for Proposals.

RBAC is seeking viable, well-planned, effective proposals from North Carolina recycling businesses. Recycling businesses seeking to expand or start-up recovery efforts should apply.

What?

The goal of this grant program is to build lasting, private-sector capacity to divert materials from the waste stream and create North Carolina jobs.

Who is eligible?

Private sector and nonprofit organization applicants are eligible for funding under this grant cycle. One funding request per applicant will be accepted. that address construction & demolition waste recycling, food waste collection and material recovery facility upgrades will receive special consideration.

For more information, contact Wendy Worley at (919) 707-8136, or wendy.worley@ncdenr.gov.

Inside Recycling Works

SMART Recycling Diverting Food Waste	
Toter Carts Nationwide	
New All Green HQ in Charlotte	
Announcements & Opportunities	
Market Pricing.	

Recycling Works Fall 2015

SMART Recycling Diverting Food Scraps to Composters: Wake County and

Harris Teeter are on board, are you?

by Jorge Montezuma, Organics Specialist

Since beginning operations in the Raleigh-Durham area in June, SMART Recycling has diverted more than 750,000 pounds of food scraps from local landfills for composting. Through a key partnership with Harris Teeter, which serves as an anchor client, SMART has expanded its collection services to a number of businesses in North Carolina that are looking to divert their organic waste.

SMART also entered into a partnership with Wake County, which started a residential food scrap drop-off pilot program in August 2015 at two of its convenience centers. In less than two months, Wake County residents have separated more than 2,000 pounds of food waste. This pilot program will operate for a full year, after which the county will evaluate expanding the service to other convenience centers. The results of this pilot program, along with a similar program in Orange County, could serve as a strategic model for other North Carolina counties looking to launch food scrap drop-off programs.

Following the company's mission statement "to complete the cycle of sustainability started by the farm-to-table movement by encouraging people to think about taking their food scraps from table-to-farm," SMART partners with several restaurants and permitted composting facilities around the state, including Brooks Contractor, Earth Farms, and McGill Compost.



SMART Recycling has diverted over 750,000 pounds of food scraps from Raleigh-Durham area landfills through a partnership with Harris Teeter.

As part of its Soil Sharing program, SMART buys back the soil amendment from the composting facilities and donates it to local farms during the planting seasons.

SMART also operates in Charleston, S.C. and is looking to begin operations in several new cities in the Carolinas soon. The company will share its experiences at the upcoming <u>Food Recovery Summit</u> in Charleston, S.C. November 16-18, 2016.

For more, contact Gary Bilbro at 919-973-9611, garyb@smartrecyclingus.com, or visit www.smartrecyclingus.com/.

North Carolina's Toter Manufactures Carts Used Nationwide

by Mike Greene, Recycling Business Development Specialist

Based in Statesville, Toter, Inc. manufactures a wide range of items used in the recycling industry, including carts for household, small commercial, and organics collection, and for document destruction.

Founded in the early 1960's as part of Rubbermaid, Toter joined the Wastequip family of products in 2007. Based in Charlotte, Wastequip employs over 1,500 people in North America.

According to the company's website, Toter's rotomolding manufacturing process allows its carts to last between 15 and 20 years. The rotomolding process is used to produce hollow plastic products and involves placing powdered resin into a mold. The mold is then baked while rotating in a machine that looks like an amusement park ride. The plastic is melted during the

baking process as the rotation allows it to spread evenly throughout the mold. This approach helps prevent stress points or seams which leads to a stronger product. After the rotomolding process, the carts are cooled, finished and branded with a customizable heat stamp.

In addition to making a fully recyclable cart, Toter uses 50 percent recycled plastic and 80-to -100 percent recycled metal in its carts. All Toter carts can be outfitted with Radio Frequency Identification tags that can be used with a reader installed on the collection truck to help track cart service times and frequency of service.

For more information contact Jim Pickett, Vice President of Sales at ipickett@wastequip.com or visit http://www.toter.com/.

All Green Recycling Establishes Headquarters in Charlotte

by Matt Ewadinger, RBAC Manager

All Green Recycling, Inc. recently announced the relocation of its corporate headquarters from New Brunswick, N.J. to Charlotte. The company is upgrading its facility at 321 Atando Ave. for use as a corporate office, research and development facility and production and warehousing operation.

All Green provides electronics recycling services including collection, data security, demanufacturing and repurposing of components from a wide range of industrial, commercial and consumer materials, from computers to medical equipment.

"All Green Recycling is on the leading edge of

technological innovation with processes that comply with the highest industry and regulatory standards. Our company serves a diverse and growing list of corporate clients. It also now serves the recycling needs of six counties and three cities in North Carolina," said All Green Recycling's Chairman and CEO Carol Jegou.

See the Charlotte Chamber of Commerce announcement of All Green Recycling's head-quarter relocation at http://www.all-green.com/pdf/CCED-Announcement-071615.pdf.

For more information, visit <u>www.all-green.com</u>, or contact Carol Jegou at (704) 375-9676.

Announcements & Opportunities DENR Becomes DEQ

On September 18, 2015, the N.C. Department of Environment and Natural Resources was re-named the N.C. Department of Environmental Quality. For more information about this name change please see the official department press release.

Diesel Emission Reduction Grant Opportunity

The N.C. Department of Environmental Quality (NCDEQ), Division of Air Quality (DAQ) is providing funding opportunities for projects that reduce diesel emissions. Apply now at http://www.ncair.org/ motor/DERG/ to be considered for a 2015 Diesel Emission Reduction Grant. Any private or public sector entity in North Carolina is eligible for funding. Awarded projects will begin (at the earliest) in January 2016 and must be completed by Sept. 30, 2016. About \$386,000 is available for all projects statewide. DAQ expects to fund between two and five projects. The deadline to apply is Dec. 4, 2015. For more inforcontact Anne Galamb anne.galamb@ncdenr.gov or 919-707-8423.

Carolinas Plastics Recycling Council Meeting

Plastics recyclers are encouraged to attend the next

Carolinas Plastics Recycling Council (CPRC) meeting from 10 a.m.-3 p.m. Nov 6. at the Polymer Center in Charlotte. This CPRC meeting will feature a special opportunity to make business contacts and a discussion of market dynamics in the face of continued low fossil fuel pricing. To register, please visit: https://cprc.eventbrite.com

Loader Safety & Maintenance Training

The N.C. Composting Council and Caterpillar are hosting a full-day Loader Safety & Maintenance Training on Nov. 12 at the Caterpillar Visitor Center in Clayton, N.C. Learn about small wheel, compact wheel, and skid steer loaders, try them out and tour the manufacturing plant. For costs and additional information, please visit: http://carolinacompost.com/event/loader2015/

Food Recovery Summit

NCDEQ is working with the Southeast Recycling Development Council (SERDC), the Environmental Protection Agency, and the S.C. Department of Health and Environmental Control to hold the <u>Food Recovery Summit</u>, Nov. 16 – 18, 2015 in Charleston, S.C. The Summit will focus on all aspects of food waste diversion including collection, composting, anaerobic digestion and the business of food recovery.

Does Your Waste Have a Home? Find one at...



www.ncwastetrader.org
N.C'.s Industrial Waste Exchange

North Carolina's marketplace for discarded or surplus materials and products.

This free, waste exchange service is designed to divert recoverable materials from disposal while providing feedstocks and supplies to potential users.

> For more information, call Tom Rhodes, 919-707-8140

RBAC Contacts:

......

Recycling Markets Directory

Sherry Yarkosky 919-707-8133

sherry.yarkosky@ncdenr.gov

Recycling Business Development Grants

Wendy Worley 919-707-8136

wendy.worley@ncdenr.gov

Independent Collectors Network

Mike Greene 919-707-8137

<u>mike.greene@ncdenr.gov</u>

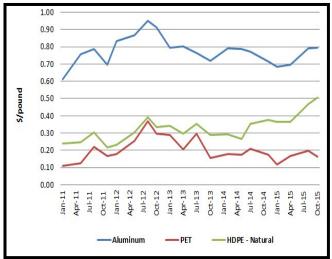
Recycling Works is published by the N.C. Recycling Business Assistance Center, a program of the Division of Environmental Assistance and Customer Service of the N.C. Department of Environmental Quality. For more information, call 877-623-6748, or write to DEACS, 1639 Mail Service Center, Raleigh, NC 27699-1639.

Patrick McCrory, Governor, North Carolina Donald van der Vaart, Secretary, Department of Environmental Quality

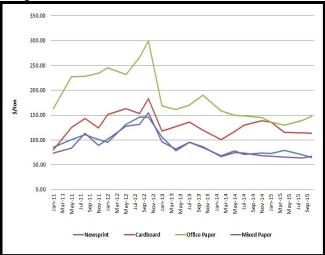
Division of Environmental Assistance and Customer Service

Ted Bush, Director, NCDEACS
Scott Mouw, Chief, Community & Business Assistance Section
Matt Ewadinger, RBAC Manager
Wendy Worley, RBAC Market Development Specialist
Sherry Yarkosky, RBAC Market Development Specialist
Mike Greene, RBAC Market Development Specialist
Stacy Smith, RBAC Industrial Development Specialist

Container Price Trends



Paper Price Trends



Quarterly prices for aluminum cans (loose), PET (baled) and HDPE natural (baled) in dollars per pound.

Quarterly prices for newsprint, cardboard, office paper and mixed paper in dollars per ton, baled.



N.C. ASSISTANCE AND CUSTOMER SERVICE

The Recycling Business Assistance Center (RBAC) is a program of the N.C. Division of Environmental Assistance and Customer Service (DEACS).

Call 877-623-6748 for free technical assistance and information about preventing, reducing and recycling waste.



North Carolina Market Prices for Recyclables

Prices current as of October 2015						
Item		Western Region	Central Region	Eastern Region		
METALS						
Aluminum Cans lb. loo	se S	\$0.56	\$0.53	\$0.50		
Steel Can, gross ton ba	led ,	*	\$30.00	\$60.00		
PLASTICS						
PETE, lb. baled		\$0.05	\$0.06	\$0.07		
HDPE, lb. baled Natu Colo		\$0.28 \$0.22	\$0.23 \$0.17	* \$0.19		
PAPER						
Newsprint, ton baled		\$65.00	\$60.00	*		
Corrugated, ton baled	5	\$100.00	\$100.00	\$119.00		
Office, ton baled	9	\$140.00	\$125 .00	*		
Magazines, ton baled	Ş	\$ 60.00	\$60.00	*		
Mixed, ton baled		\$60.00	\$50.00	\$72.00		
GLASS						
Brown, ton crushed de	livered S	\$18	\$20	\$25		
Clear, ton crushed deliv	vered S	\$25	\$30	\$0		
Green, ton crushed delivered		\$3	\$12	\$0		
Mixed, ton crushed delivered		\$0	\$-20	\$0		

*Markets with Mixed Paper

Note: Prices listed above are compiled by RBAC and are for reference only. These prices are not firm quotes. RBAC obtained pricing information from processors for each category and developed a pricing range.

Visit RBAC online at http://portal.ncdenr.org/web/deao/rbac