



# Recycling Works

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A cooperative effort of the N.C. Department of Environment and Natural Resources and the Economic Development Partnership of North Carolina.

## Food Recovery Summit Planned for November 2015

*by Scott Mouw, NC Recycling Program Director*

Interest in food waste recovery is increasing, offering business growth opportunities for North Carolina recycling and organics management companies.

To help accelerate food recovery activity, the N.C. Department of Environment and Natural Resources 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 [Food Recovery Summit](#), scheduled for 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.

Space will be limited for this event and early registration is strongly recommended.

## Unifi Expands its REPREVE Recycling Facility in Yadkinville

*by Matt Ewadinger, RBAC Manager*

Unifi, Inc., headquartered in Greensboro, recently broke ground on an 85,000-square-foot expansion of its REPREVE Recycling Center in Yadkinville. The expansion will increase Unifi's capacity to process recycled plastic into REPREVE fiber and other value-added products by up to 60 million pounds.

The \$10 million investment will add an estimated 28-30 new jobs in the Yadkin County area in the future.

For more information about the expansion, read Unifi's press release at <http://www.unifi.com/press/pdf/RRC%202015%20Groundbreaking%20Release%20FINAL.pdf>.

To read about the grand opening of the original REPREVE recycling facility, check out the cover story article in the Summer 2011 issue of Recycling Works at [http://portal.ncdenr.org/c/document\\_library/get\\_file?uuid=43fa5cf8-2840-49db-8bfa-f255f8cc7b78&groupId=38322](http://portal.ncdenr.org/c/document_library/get_file?uuid=43fa5cf8-2840-49db-8bfa-f255f8cc7b78&groupId=38322).



Charleston, SC • November 16-18, 2015

### Inside *Recycling Works*

<a href="#">Wallace Farm Ramps Up</a> .....	2
<a href="#">2015 Recycling Business Connections Event</a> .....	3
<a href="#">Roll-Tech Celebrates 25 Years</a> .....	3
<a href="#">NC Pallet Recycling Expands</a> .....	4
<a href="#">NC Recycling Equipment Manufacturers</a> .....	5
<a href="#">Sonoco Hub and Spoke Project</a> .....	6
<a href="#">Market Pricing</a> .....	7

# Composting Ramps Up: Wallace Farm Opens Second Operation in Triad Area

by Jorge Montezuma, *Organics Specialist*

Wallace Farm, Inc. is a successful North Carolina composting business with two large scale operations in the state using open-faced windrows as their preferred method of composting.

The first site in Huntersville is a Large Type III composting facility processing yard waste, food waste and other organic materials. It expanded the soil and compost operation in 1990 when the rate of housing development was slow. Later, housing developments began surrounding the facility, which led to concerns from some new residents to the existence of the composting operation.

Through a series of public processes in 2005 and by finding a way to work with representatives from nearby subdivisions, Wallace Farm was able to sustain its business and is now seeking another 5-year permit renewal at its Huntersville facility. As part of its cooperation with its neighbors, Wallace Farm voluntarily reduced its organic material throughput and reduced its operational footprint to increase distance from residences.

Last year, Wallace Farm purchased property southwest of Winston-Salem in Davie County, and will open a second Large Type 3 composting facility in August. This facility will process materials coming from Davie County, Winston-Salem and other surrounding areas. The N.C. DENR Solid Waste Section is still reviewing the application for this site, which is designed to process 200,000 tons of organic waste per year with abundant buffers and ample space for setbacks on 160 acres.



*At Wallace Farm, Inc., different types of bagged products (pictured above) are displayed and sold to the public on site as well as distributed throughout the state.*

Wallace Farm sells 85 percent of its compost as bagged product through a partnership with other large companies but also plans to grow the bulk markets at both facilities. Interest in high quality compost and food waste processing services is increasing in the state, and Wallace Farm is just one example of a successful growing operation expanding to meet this demand.

For more information about Wallace Farm, contact Eric Wallace at 704-875-2975, [eric@wallacefarmproducts.com](mailto:eric@wallacefarmproducts.com), or visit [www.wallacefarmproducts.com](http://www.wallacefarmproducts.com).



# Recycling Business Connections Event Returns to Charlotte Oct. 14, 2015

by Wendy Worley, Recycling Business Development Specialist

Last year's highly successful networking event for the recycling industry returns to the Carolinas this fall.

All North and South Carolina recycling business owners and operators are invited to attend

the 2nd annual Recycling Business Connections event on Oct. 14 in Charlotte.

This event will provide a unique networking opportunity to forge new partnerships and grow recycling businesses in the Carolinas.



The Carolina Recycling Association, N.C. Recycling Business Assistance Center, and S.C. Department of Commerce are working together to organize the event and encourage all recycling businesses in the Carolinas to attend.

Space is limited for this event and early registration is strongly recommended.

Gather your business cards, mark your calendars and register online today at:

[http://www.cra-recycle.org/rbc2015/!](http://www.cra-recycle.org/rbc2015/)

## Roll-Tech Celebrates 20 Years of Tire and Plastic Recycling

by Matt Ewadinger, RBAC Manager

Roll-Tech Molding Products, LLC was founded in 1995 as a U.S. subsidiary of French company, Guitel S.A. The company employs 40 people in its recently expanded 40,000-square-foot facility in Hickory. Roll-Tech manufacturers wheels for garbage and recycling carts, hand-trucks, high-pressure cleaners, material handling equipment and other heavy-duty applications. "Roll-Tech is proud to be a part of North Carolina's recycling economy and we expect to continue to be a key player for many years to come," said Patrice Bertrand, president and chief executive officer for Roll-Tech.



Roll-Tech's 40,000-square-foot facility in Hickory.

For more information contact Patrice at 866-431-4515, or [pbertrand@rolltech.net](mailto:pbertrand@rolltech.net).

# NC Pallet Recycling Outgrows Former Location and Moves to a New Facility

by Sherry Yarkosky, Recycling Business Development Specialist

In May 2015, NC Pallet Recycling moved from its former 1,500-square-foot location in Raleigh to a larger 7,500-square-foot building in Morrisville. The new location has many new features over the former facility that have greatly improved operating efficiencies. “At the former location, it took two workers more than an hour to unload a full truckload of pallets,” said Mike Murray, NC Pallet Recycling Owner. “At the new building, it takes one employee only 30 minutes.”



NC Pallet Recycling received a 2014-15 RBAC grant award for the purchase of a used box truck. Mike Murray, Owner, is shown in the above picture.

After working in the waste hauling business for many years and with the implementation of the 2009 NC wooden pallet landfill ban, Murray decided to start NC Pallet Recycling in 2012 after doing extensive market research and business planning. The company provides niche recycling services to small to medium quantity wood pallet generators.

NC Pallet Recycling expects to recycle more than 900 tons of wood pallets this year. Wood pallets are repaired or refurbished and resold as remanufactured pallets. Pallets beyond repair are recycled into mulch or boiler fuel.

After starting out as the only employee, Murray hired two additional employees over the past three years.

Murray attributes his company’s fast growth to time management, excellent customer service, careful analysis of the business financials and partnering with other recyclers. “As a small business owner, you need to wear many hats and be efficient with limited time,” states Murray. “We are proud of the partnerships we have made in the recycling industry. We are growing year after year and hope to match that growth by hiring a few more employees in the near future.”

For more information, contact Mike Murray at (919) 625-0807 or visit <http://www.ncpalletrecycling.com/services.html>.

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# North Carolina Recycling Equipment Manufacturers Have National Impact

by Mike Greene, Recycling Business Development Specialist

Part of the rich history of recycling in North Carolina includes the equipment that makes storage, collection and processing possible. Much of that equipment comes from North Carolina companies. Below are just a few of the companies that keep our state's recyclables moving.

## Balers, Conveyers, Screens and Shredders

There are several well-known suppliers of recycling processing equipment based in North Carolina that service the region and the nation. Companies such as Vecoplan (<http://www.vecoplanllc.com/>), Recycling Equipment, Inc. (REI <http://www.gogreenrei.com/>) and Catawba Baler & Equipment (<http://cbebaler.com/>) offer a wide variety of new equipment and service. Some of these companies also offer installation and used equipment.

One of the most exciting new products is from Catawba Baler & Equipment (CB&E), based in Greensboro with manufacturing facilities in Statesville. According to Jason Carter of CB&E, "our Free Jam Two-Ram baler is the only baler in the world with automatic, push-button jam release technology. The Free Jam Two-Ram's patent-pending technology virtually eliminates the need for a person to enter into the baler to manually clear a jam — the most dangerous function in the recycling industry."

## Carts, Dumpsters, Roll-offs

Charlotte is home to the nation's leaders in recycling carts with Otto (<http://www.otto-usa.com/index.html>), Schaefer Systems International (<http://www.ssi-schaefer.us/>) and Toter (<http://www.toter.com/>) all headquartered in the Queen City. Toter's parent company, Wastequip (<https://www.wastequip.com/>) offers a wide range of products including balers, steel containers, self-dumping hoppers, com-

pactors, hoists, tarps and specialized organic waste collection equipment.

Bakers Waste Equipment in Lenoir (<http://www.bwe-nc.com/>) manufactures numerous kinds of containers for front loader and roll-off trucks. Bakers also makes compacting dumpsters, sludge and grease containers and special organic waste containers.

## Trucks, Heavy Equipment

Manufacturers of trucks and heavy equipment also have a presence in the Tar Heel State. One of the giants of the trucking world, Mack Truck (<http://www.macktrucks.com/>) moved its headquarters to Greensboro in 2009 and has assembly plants in Maryland and Pennsylvania. Caterpillar (<http://www.cat.com/>), another major equipment-maker, manufactures skid steer, compact track and multi-terrain loaders in Sanford and small wheel loaders in Clayton.

In all, these companies represent another dimension of the recycling industry in North Carolina, employing people to make the machines that make recycling succeed.

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### ***\*\*\*Attention All Electronics Recyclers\*\*\****

*Any company involved in the collection, receipt, accumulation or processing of computer equipment and televisions in North Carolina must now register with NC DENR annually under General Statute 130A-309.142. The registration process is intended to ensure that electronics are handled properly to prevent harm to the environment and public health, and to also make sure electronics recyclers are aware of applicable laws, regulations and certifications related to electronics recycling. North Carolina recycling companies handling electronics should immediately register at <http://portal.ncdenr.org/web/wm/ewasterecycler>.*

# Hub and Spoke Project a Success for Sonoco Recycling

by Matt Ewadinger, RBAC Manager

In 2012, Sonoco Recycling began accepting single-stream recyclable material at its satellite locations in Gastonia and Salisbury. Earlier this year, Sonoco installed compactor systems at both locations to increase transportation efficiencies in its “hub and spoke” system.

Loads of non-compacted recyclable material weighing approximately five to six tons were previously shipped to Charlotte via walking-floor trailers. Compacted recyclables are now shipped to Charlotte in loads weighing up to 17 tons.

“We estimate that the switch to compactors will allow Sonoco Recycling to increase the tonnage throughput at each satellite facility by at least 20

tons per month,” said Kenny King, Sonoco Recycling Regional Manager.



*A compactor and feeder at the Sonoco Salisbury satellite location.*

For more information on Sonoco’s hub and spoke system, contact Kenny King at 704-525-8728 or [Key.king@sonoco.com](mailto:Key.king@sonoco.com).



## Does Your Waste Have a Home?

Find one at...

NORTH CAROLINA  
**WasteTrader**

[www.ncwastetrader.org](http://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**

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