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Introduction: Welcome!

WHY WE'RE HERE:

To Learn About Recycle Right!

To share tools, resources, and services we offer at DEACS for your operations and employees

WHY I'M HERE:

Thrift Stores

How will it flow and where will it go

Ecocycle

- MRF tours
- Hauling
- Commercial Sector Sustainability
 - ❖ Waste Diversion Strategies
 - Operations in warehouse and trainings









10-week statewide anti-contamination campaign for local governments to execute culminating on ARD



Educate the public about contamination and how to recycle right



Counteract the relentless stream of negative press around recycling

What is Recycle Right NC?



Why America's recycling industry is in the dumps Who Killed Recycling?

Is this the end of recycling?

recyclables after China bans imports

As Costs Skyrocket, More 'Moment of reckoning': US cities burn U.S. Cities Stop Recycling

Your Recycling Gets Recycled, Right? Maybe, or Maybe Not



Wish-cycling

- Single-stream recycling: high participation + no education = contamination
- Booming, Overseas Markets: out of site/out of mind
- Plastics Proliferation
- Zero Waste Movement Social Media Craze
- Everything can be recycled/WHEN IN DOUBT THROW IT OUT!

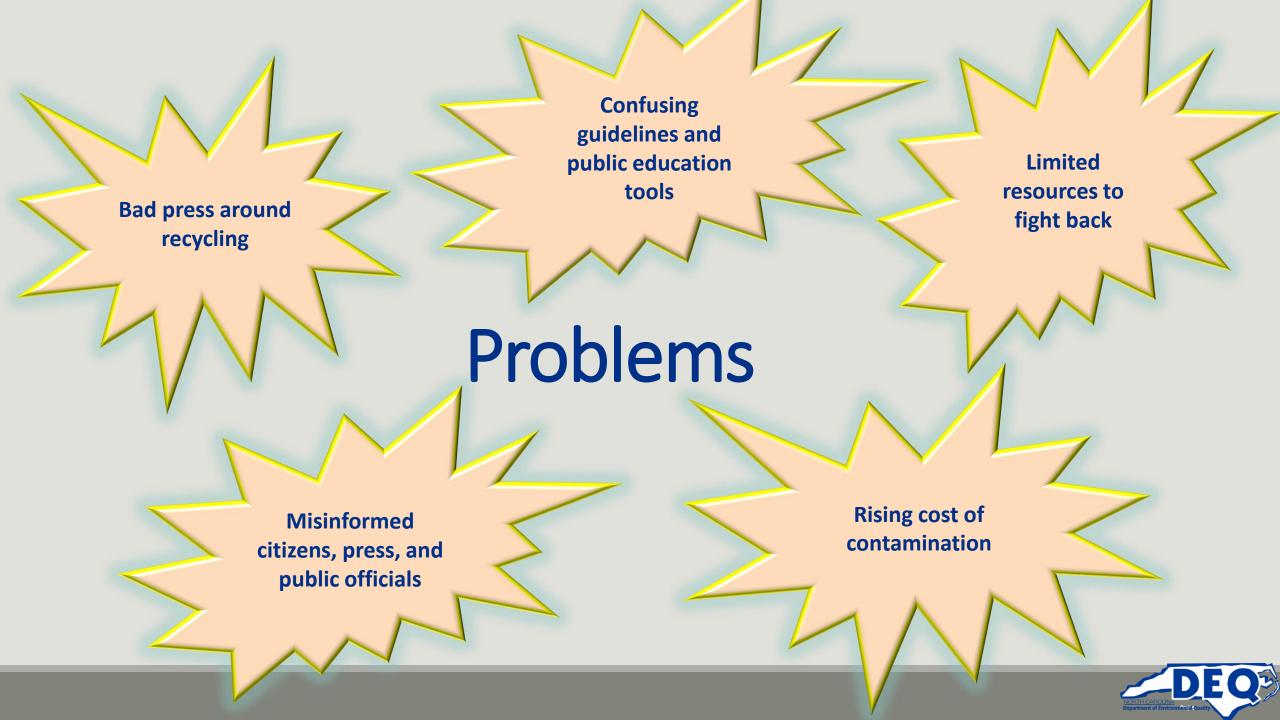


Recycling Myths and

Truths

- Recycling will save us
- Recycling is free/profitable
- •We're doing it all right/wrong
- Recycling is complicated and confusing
- Recycling is different from place to place

- It is just one "R"
- It has a cost
- Contamination must be addressed
- Only a few items are recyclable- SIMPLE
- There are more similarities than differences



Challenges for Recycling

Recycling is being threatened by

- •Widespread, expensive, unchecked contamination
- Confusing lists
- Lack of unified messaging
- Lack of sustained and consistent education

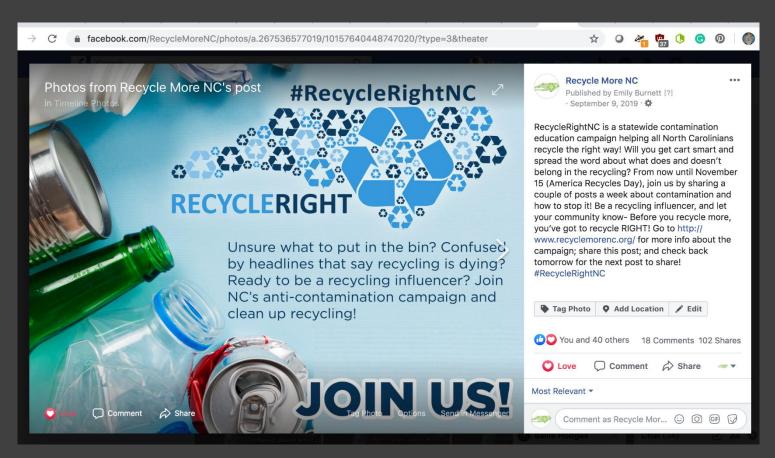
Contamination is Driving Costs of Recycling UP

We can work together with **uniform messaging** to fight our common enemy – CONTAMINATION!



Recycle Right NC Campaign

- Set of Informational and Education Tools for Local Implementation
- 225+ Local Governments
 Participated in the Campaign
- DEACS Social Media Platforms:
 - Reached ~1 million people
 - Generated 30,000+ responses, likes and shares





Accepted Material Lists Customized Local Outreach Design







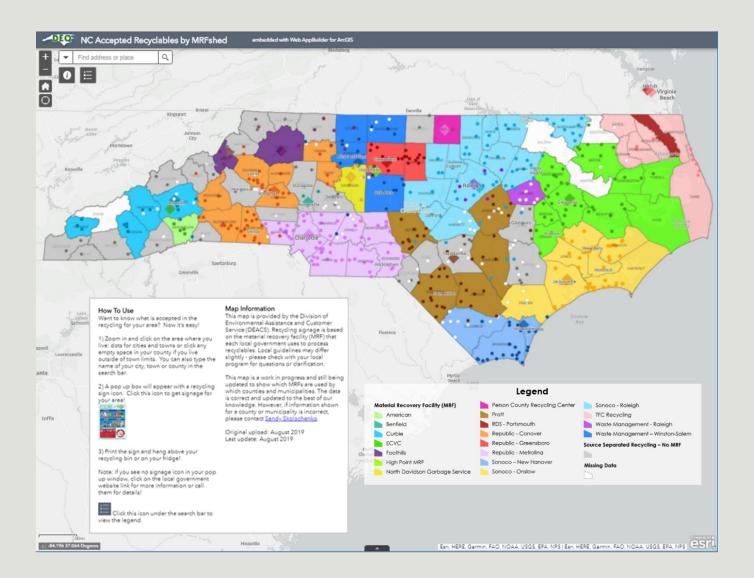


The Journey: 14 MRFS and 14 Signs





MRFshed Map





MRF Signage Differences

NO DIFFERENCES:

- Foothills
- TFC
- North Davidson
- Waste Management
- American
- ECVC
- Republic Conover

SMALL DIFFERENCES:

- Person County (omitted cartons from Yes)
- Curbie (omitted aerosol from No)
- Sonoco (added clamshells and chip cans to Yes)
- RDS (added pizza boxes to No; removed tubs from Yes)
- Republic Greensboro (removed images of caps/lids; omitted cartons from Yes; omitted scrap metal from No)

NO GLASS:

- Pratt
- Benfield

Recycling Basics

- 4 Categories, 9Items
- Plastic bottles, tubs, jugs, & jars
- Metal cans
- Glass bottles & jars
- Paper & cardboard











IT'S ALL ABOUT SHAPE AND SIZE











STRAIGHT TO THE LANDFILL



No aerosol cans

Aerosol cans are a fire hazard at the recycling facility.



No receipts

This type of thin "paper" can contain non-recyclable layers and chemicals and can't be remanufactured.



No ceramics items

Ceramic is a hard material to sort and can't be remanufactured.



No Styrofoam

Styrofoam breaks down into tiny pieces in the recycling machinery.



No pumps or tubes

They are made of multiple materials that can't be separated for remanufacturing.



No tanglers

Cords, hoses, wires, plastic gloves, etc. get caught in the recycling machinery.



NON-CURBSIDE RECYCLABLES



Appliances

Take appliances to a convenience center.



Medical waste

Call your local public health department for medical disposal information.



Electronics

Take computers, televisions and other electronics to a convenience center.



Plastic bags and wrap

Return clean, dry plastic bags, wraps and packaging to your local retailer.



Clothing and textiles

Donate clothing and textiles to a convenience center or thrift store.



Paper towels and napkins

This paper is too thin to remanufacture and often dirty. Compost instead.



Hazardous waste

Take to a convenience center or call 877-623-6748 for other drop-off locations.



Food waste

Dispose of food waste in your compost.



YES PLEASE, NO THANKS







ACCEPTED MATERIALS

The N.C. Division of Environmental Assistance and Customer Service (DEACS) has developed Accepted Materials to encourage recycling and reduce contamination by clearly identifying the items accepted by most recycling programs statewide. The social media posts below coordinate with the Recycle Right NC information campaign materials designed for use by local recycling programs and private recycling collectors.

Together, we can recycle more and recycle better. #RecycleRightNC

TEXT FOR FACEBOOK AND TWITTER CAPTION hose recyclables loose and free in the curbside Hotel Williams

Bagging your recyclables Time to quit When plastic bags enter the recycling stem, they tengle the ears and shut down the orting machines. So leave



inse and remove any pumps When in doubt, throw it ou lastics can be recycled? ow you know - bottles ibs, jugs, and jars are what to put in the recyclin:





PLASTIC

retal belongs in the ecycling bin, right? Only if it is a CAN. Don't be pted to put pots and oans, hangers and other metal items in the curbsidecycling bin. Take hem to the scrop metal cliection at your recycling #RecycleRightNC



recyclable? Bottles and ars However drinking glasses, glass dishes and Pyrex are made o withstand pigh mperatures and aren't ecyclable. Neither are nizrors or window alass glass items to a thrift store #RecycleRightNC



Most paper can be ewspaper and mapazines usiness card goes in the rash - so does wrapping paper or paper lined with plastic/foil. Paper owels and tissues belong in the compost. When in doubt, throw it out! #RecycleRightNC



Anyone who sorts ecycling will tell you en in doubt, throw i out! That to-do contains overed in food doesn't selong in your bin and contaminates other cyclables. You are our first sorter, so recycle right #RecycleRightNC





Social Media Guide for Common Recycling Questions

The N.C. Division of Environmental Assistance and Customer Service (DEACS) has developed Get Cart Smart to encourage accurate recycling by answering the public's most frequent questions about what to put in the bin and why. The social media posts below coordinate with the Recycle Right NC information campaign materials designed for use by local recycling programs and private recycling collectors.

Together, we can recycle more and recycle better. #RecycleRightNC

TEXT FOR FACEBOOK AND TWITTER onfused about which SMAR stics can be recycled? aw you know ottles, tubs, jugs and ars are what to put in he recycling bin. When n doubt, throw it out! #RecycleRightNC

Bottles and jars

GET CART SMART

SMART SMART

IT'S ALL ADOUT

awever drinking

glasses, glass dishes

and Pyrex are made

ska thaca i inhrokaj

to the thrift store.

RecycleRightNC

it your recycling

*RecycleRightNC

lable, Neither are

rrors or window glass

usehold glass items

ly metal CANS go in

he recycling bin. Take ots, pans, hangers and

ther metal items to the

withstand high

What glass is recyclable? CART emperatures and arenit

Old you know NOT to ad your recyclables then placing them in the art? Here's another tio ady: screw caps on, out toss lids in the rash. Keep recycling ight! Get Cart Smart

lost paper can be

oxes, bags, office

paper, newspapers and

nagazines. Put paper

maller than a business

ard, wrapping pape

and paper lined with

rash. Compost paper

lastic or foil in the

owels and tissues.

#RecycleRightNC



ou may already ecyclables before ossing them in the cart ut do you know which egg cartons are okay to ycle? Recycle paper igg cartons but toss urofoam and plastic ones in the trash. Keep acycling right! Get Car

6 KNOW YOUR NO'S Social Media Guide for Reducing the Top 16 Contaminants

The N.C. Division of Environmental Assistance and Customer Service (DEACS) has developed Know Your No's to reduce contamination by highlighting the 16 most problematic contaminants in the recycling bin.

The social media posts below coordinate with the Recycle Right NC information campaign materials designed for use by local recycling programs and private recycling collectors

Together, we can recycle more and recycle better. #RecycleRightNC





hoses, wires and string ights shut down the ecycling equipment or 30 minutes at a time? Don't tangle o contaminate. Recycle ight for our state #RecycleRightNC Tiny items can't be easily



Did you know that several



Don't toss that cup in the recycling bin! Put it in the trash. These single-use items are ofte contaminated with liquid. ven when clean, cups machinery. The lids and raws can't be sorted by the equipment either

#RecycleRightNC



elong in the recycling in, Instead, reduce your single-use! Put it the trash where it elongs. Don't tangle or ontaminate. Recycle #RecycleRightNC Paper towels, tissues and

#RecycleRightNC





The N.C. Division of Environmental Assistance and Customer Service (DEACS) has developed Republic Revealed to encourage accurate recycling by taking the mystery out of recycling. The social media posts below coordinate with the Recycle Right NC information campaign materials designed for use by local

Together, we can recycle more and recycle better. #RecycleRightNC

IMAGE AND TWITTER tonfused by recycling erms for items? Let's ear it up to clean it up! RecycleRightNC

TEXT FOR FACEBOOK

How clean should it

e? Clean enough to

ot contaminate other

cyclables or be off-

putting to the recycling

nse and pop it in the

recycling bin. If it's

caked in grime, scak

it overnight or run it

ems made of more

an one material can't

tangle or contaminate, recycle right for our state!

be recycled. Put them

buy them at all. Don't

#RecycleRightNC

#RecycleRightNC

RECYCLING

mean a product is cyclable. It's only ccepted if your recycling center can sort that item nd if the material has market value. So forget the numbers, know this: plastic bottles, tubs, jugs and lars are recyclable. #RecycleRightNC We used to crush cans

The recycling symbol/

umber doesn't actually



and flatten cartons o make room in the ecyclina bin. Now we ave larger bins. Sorting machinery recognizes naterials by shape/ size. When you flatten that container, the equipment can't process it Let that can carton #RecycleRightNC



Don't toss that cup in the recycling bin! Put it in the trash. These singlese plastics are often ontaminated with liquid ven when clean, cups splinter in the recycling nachinery. The lids and straws can't be sorted by the equipment either. #RecycleRightNC

SOCIAL MEDIA TOOLKITS



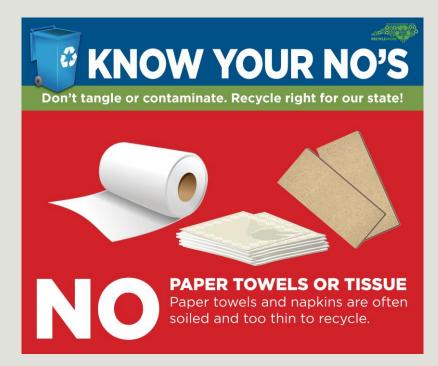


















RECYCLING REVEALED

RINSE IT!

How clean does it need to be? Clean enough to not contaminate other recyclables or be off-putting to the people who sort the recycling. Give it a quick rinse and pop it in the recycling bin.









PLASTIC CODES

The chasing arrows symbol and "Please recycle" used on products and packaging doesn't always mean an item is recyclable in your recycling bin.









FLATTENED THINGS

Are you still crushing your cans and flattening juice cartons? No need! The recycling machinery recognizes the items by shape and size.









RECYCLING REVEALED

CUPS

Truth is, your single-use cup belongs in the trash — along with its lid and straw. It's that simple.





Social Media Toolkits



The N.C. Division of Environmental Assistance and Customer Service (DEACS) has developed Do your Part to educate the public on the importance of proper disposal. The social media posts below coordinate with the Recycle Right NC information campaign materials designed for use by local recycling programs and private recycling collectors.

Together, we can recycle more and recycle better. #RecycleRightNC

TEXT FOR FACEBOOK IMAGE AND TWITTER CAPTION



Coronavirus have you cleaning? Those paper towels (and tissues) are too thin to recycle. Plus, they are dirty. Put them in the trash.



Masks aren't recyclable. They also don't belong in the parking lot or on the side of the road. Put them in the trash.



Gloves don't belong in the parking lot or on the side of the road. They aren't recyclable either. Put them in the trash.



Score a bunch of toilet paper? Recycle the plastic wrapper at the grocery store with your plastic bags - not with your curbside recycling!



Ordering a lot online? The plastic packaging can be recycled at your grocery store with your plastic bags - not with your curbside recycling!



Your paper towel and toilet paper rolls CAN be



Ordering a lot online? The recycling industry NEEDS those boxes! Flatten them and put them with your curbside

INCLUDE THE FOOD, PLANTS AND PAPER TOO!



Social Media Guide for Backyard Composting

The N.C. Division of Environmental Assistance and Customer Service (DEACS) has developed Compost: Include the Food, Plants and Paper Too! to educate the public on backyard composting.

Do Your Part — Be Compost Smart, #CompostNC

TEXT FOR FACEBOOK AND TWITTER CAPTION



IMAGE

Want to keep your garden healthy and reduce your carbon footprint at the same time? Start backyard composting! #CompostNC



Now is the time to start that backyard compost pile! Here is what you can (and can't) compost! #CompostNC



Keep your compost bin contaminant free Make sure you keep these items out! #CompostNC



Want a well-manicured lawn this summer? Toss those grass and plant trimmings in your compost bin. #CompostNC



Egg shells are a great source of calcium and are good for plant cell growth. Toss them in the compost bin! #CompostNC



Food waste stops with you! That loaf of stale bread doesn't have to go to the landfill. Toss it in your compost bin! #CompostNC



When you have leftovers, toss the rice and beans in the compost and reduce landfill space. #CompostNC



Working from home? After you get your caffeine fix, toss those tea leaves and coffee arounds in your compost bin, #CompostNC

https://deq.nc.gov/conservation/recycling/general-recyclinginformation/recycle-right-nc-social-media-toolkit/do-your

https://deq.nc.gov/conservation/recycling/general-recyclinginformation/recycle-right-nc-social-media-toolkit/backyard

Training Handouts









The N.C. Division of Environmental Passionne and Customer Service (DENSS) is a non-regulatory division of N.C. DED offering achimical and Financial assistance to businesses, manifestations, local generations, instructures, concurrent developers and attention to construmental management. For greation, port 1 279 233 2498.

Urgent Information Handouts for: Press **Elected Officials Public**

- Facts
- Talking Points
- Program Adjustments





DEFENDING RECYCLING

WHAT THE ELECTED DEFICIAL MAY SAY-We don't have to provide recycling for our citizen



THE FACTS/A BETTER MESSAGE: (all cans), glass (bottles and jars) and

ommunity to help educate their citi

WHAT THE ELECTED OFFICIAL MAY SAY

THE FACTS/A BETTER MESSAGE: and processing. When markets are go

WHAT THE ELECTED OFFICIAL MAY SAY "Landfilling is cheaper than recycling; let's ju

"We shouldn't have to pay to get rid of recyclab "Recycling isn't profitable."

THE FACTS/A BETTER MESSAGE: There's a

paying to bury it in a landfill. Recycling r Relying on recycling revenues to cover markets recover. We shouldn't abando

Recycle Right NC Factsheet



Use these facts to support conversations with citizens, press, elected officials and decision makers or to draft your own

Important Recycling Truths

- Single-stream recycling is here to stay. It yields the hig efficiency in the most expensive part of the recycling s Americans view recycling as a valuable public service.
- Returns valuable resources (and their embodied er
 Supplies manufacturers with feedstock they rely or
- Preserves virgin materials. Saves energy and water, and reduces greenhouse
- Conserves landfill space.
- Recycling is an essential part of a comprehensive mur

Current Stressors on the Recyc

- . Chinese import restrictions led to more recycled mat standing issues and much-needed improvem
 Recycling bins contain too much trash.
 - The public is confused by conflicting and changing
 Sustained education and enforcement campaigns a contamination.
- Domestic markets for recycling are a necessity and
- . The COVID-19 pandemic has created new challenges for Operations must be modified to prioritize worker s
- Recycling volume has moved from the commercial Economic and consumer spending changes lead to Local governments are facing budget shortfalls due
- Actions Needed NOW

- home, and regularly cleaning vehicles, equipment and fac
- Review funding mechanisms for recycling programs recycling fees or modifying the level of services provide
- . Reduce the amount of trash and non-recyclables (cont quality and value; plus, removing and sending contami up 14 percent of collected recycling loads in North Caro
- . Use education paired with enforcement to reduce of and enforcement (cart tagging) campaigns to achieve contamination reduction in Chicago. We can do the sar
- . Alian messaging with others in your region who use the
- Reduce single use. Many single-use products (disposab
- . Buy products with recycled content to help build dema . Keep moving forward. The current system of collecting transporting materials, yields the most participation a aluminum cans and plastic bottles. Americans love to re public relations challenges.

SAVING



These are unprecedented times for the recycling industry. Already experiencing market fluctuations and educational challenges, recycling then faced COVID-19, which affected budgets and service provision while leading to increased idential volumes with more contamination. Going forward, some local governments may be faced with challenges as hey examine their budgets and assess possible shortfalls.

The N.C. Division of Environmental Assistance and Customer Service (DEACS) would like to suggest some options to consider should you be faced with altering your recycling program. Remember that cutting a recycling program does not make the items that would have gone into the recycling bin go away, rather, that volume and associated cost has now beer

never be suggested under non-pandemic circumstances — as temporary means to keep recycling programs intact during extraordinary times. Manufacturers in North Carolina and across the country are still depending on recyclable materials to make everyday products like tollet paper, plastic bottles, and food packaging. Temporary changes should always be clearly







Before making any cuts or changes to your recycling program, we recommend a close review of your budget to look for ways to increase revenues. The Recycling Partnership found that 84 percent of Americans view recycling as a valuable public service. The per household cost to keep your recycling program running could only be pennies per day. While not all local governments in North Carolina charge fees, those that do assessed an average fee of \$14 per household per month for combined solid waste and recycling services in 2019.



Special Collections and Service Frequency



be changed to drop-site only. You may also want to look at the costs for bulky items and white goods collection as they could be changed to drop-site or fee-for-collection.

Reduce Service Frequency: If your program has weekly collection, studies show that changing your pickup schedule to twice per month with 96-gallon carts has a large effect on your budget with little change in the amount of material collected. Most of the industry has moved to every-other-week (EOW) pickup. If your pickup schedule is already EOW, a temporary change to monthly pickup can help keep operation costs down. These options can drive additional traffic to your drop sites, so you may need to adjust your hours of operation. To keep recycling route drivers employed, they can be temporarily assigned to drop sites. Residents may also ask for additional recycling carts. Grants are available from DEACS and others to help you purchase 96-gallon carts, make changes to your drop sites and educate the public about change





Collect Glass Separate from Single-Stream: Most material recovery facilities (MRFs) in North Carolina have multi-tiered pricing menus with glass-in or glass-out options. Choosing glass-out can be a quick way to cut costs from your program instead of requesting that your residents throw the glass in the trash, we recommend that you first partner with your county to use its existing convenience sites to collect glass. A second option is to convert one of your own established drop sites to have a glass-only dumpster or carts. If you do not have any established drop sites of your own, you can make one with very limited space. Grant funds can be used to help you build a glass collection center and to educate the public about changes Strategic Materials has options to assist you with cost efficient glass-only pickup. To connect with Strategic, contact: Tom Syre, Regional Sourcing Manager, Strategic Materials, Inc. | 281.702.0984 | tsyre@strategicmaterials.com

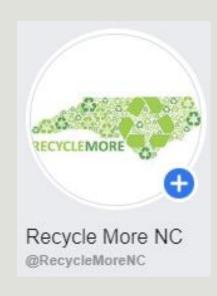


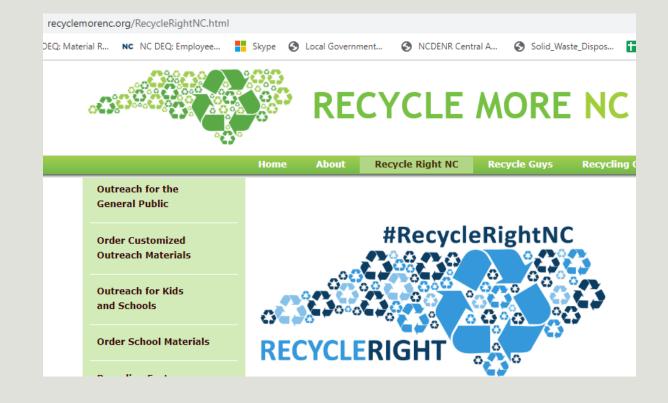




Bin Signage and Decals

Recycle Right NC Resources







Outreach for the General Public

Order Customized Outreach Materials

Outreach for Kids and Schools

Order School Materials

Recycling Facts,
Press Releases, and
Educational Materials

Social Media Posts

MRF Video





So what now...

- Extended producer responsibility
- Domestic markets
- Recycled Content
- Unified messaging
- Food Waste/Compost!
- Waste Reduction Goals/Plans/Bans
- Citizen Awareness/Activism



And What Can You Do?

- On site bin placement/color coded/with signs
- Train via webinars or in person
- Share resources via social media
- Share resources via emails
- Consider Hard to Recycles, Compost, Packaging
- Waste Reduction Goals/Plans
- Employee Engagement
- Find out if your community needs recycling support!

How DEACS Can Help

- Community Recycling Support
- Bin System and Signage
- Recycle Right Presentations
- Employee Engagement Consultation
- HTR Solutions
- Food Waste/Compost!
- And whatever you dream up next!

Contact Us

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https://www.facebook.com/RecycleMoreNC/ www.recyclemorenc.org



www.recyclenc.org

