



NH FOOD ALLIANCE

Growing New Hampshire's Food, Economy, & Community



Food Waste Diversion

September 20, 2019

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Executive Director
Northeast Resource Recovery Association

Sarah McGraw & Jenny Humphries
Mr. Fox Composting

To use the CHAT function in Zoom...



To: Everyone

More ▾

|Type message here...

To RAISE YOUR HAND in Zoom...

Participants (1)

Raise Hand

 Erin Hale (me)   

NH Food Alliance
Food Waste Diversion Webinar
September 20, 2019

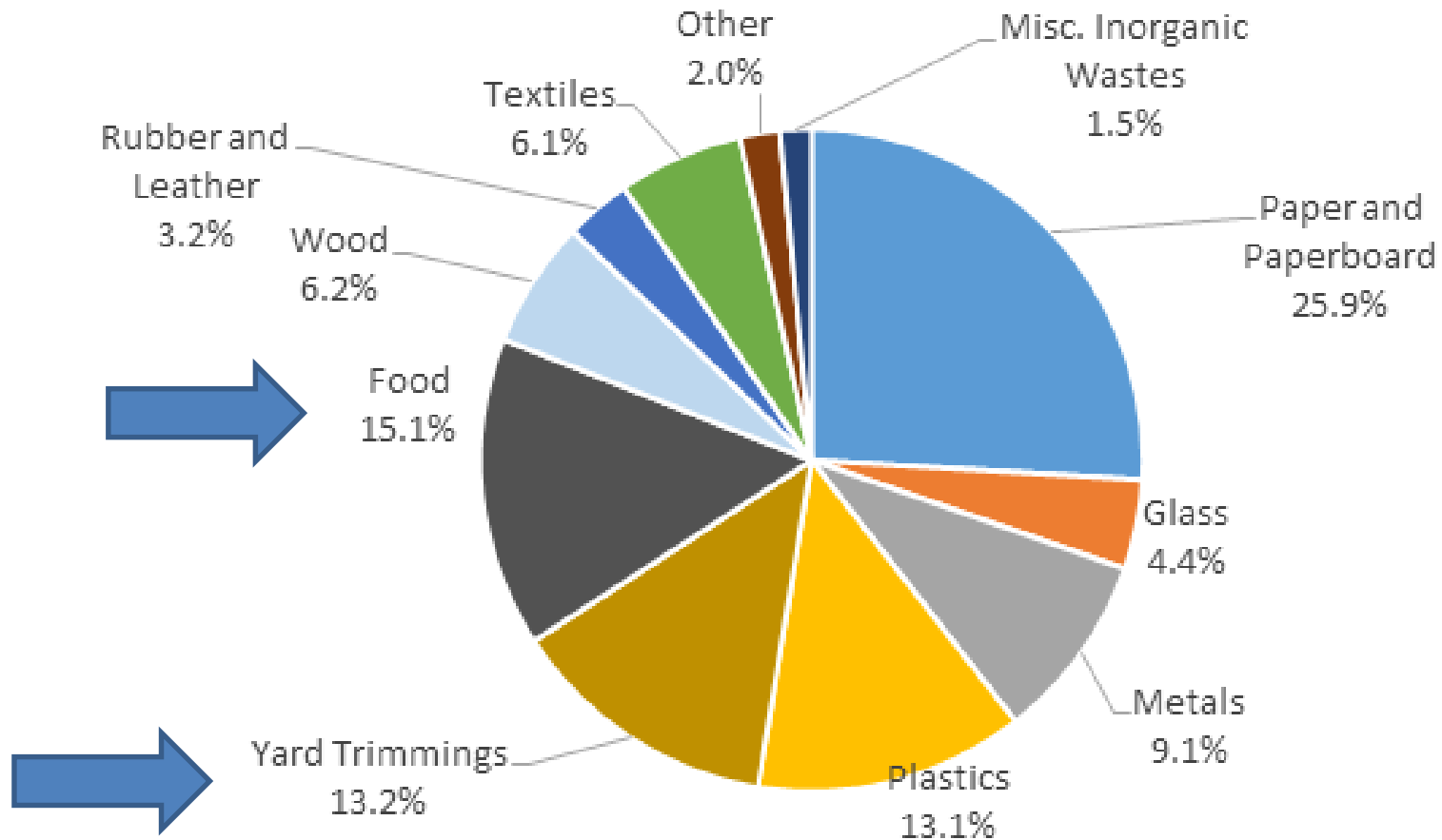
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Total MSW Generated by Material, 2015 (262.43 million tons)



(Source EPA)





Only 5% of Food Waste is Composted (EPA 2015)



Food Recovery Hierarchy

<https://www.epa.gov/foodrecovery>

Most Preferred

Source Reduction

Reduce the volume of surplus food generated

Feed Hungry People

Donate extra food to food banks, soup kitchens and shelters

Feed Animals

Divert food scraps to animal feed

Industrial Uses

Provide waste oils for rendering and fuel conversion and food scraps for digestion to recover energy

Composting

Create a nutrient-rich soil amendment

Landfill/ Incineration

Last resort to disposal

Least Preferred

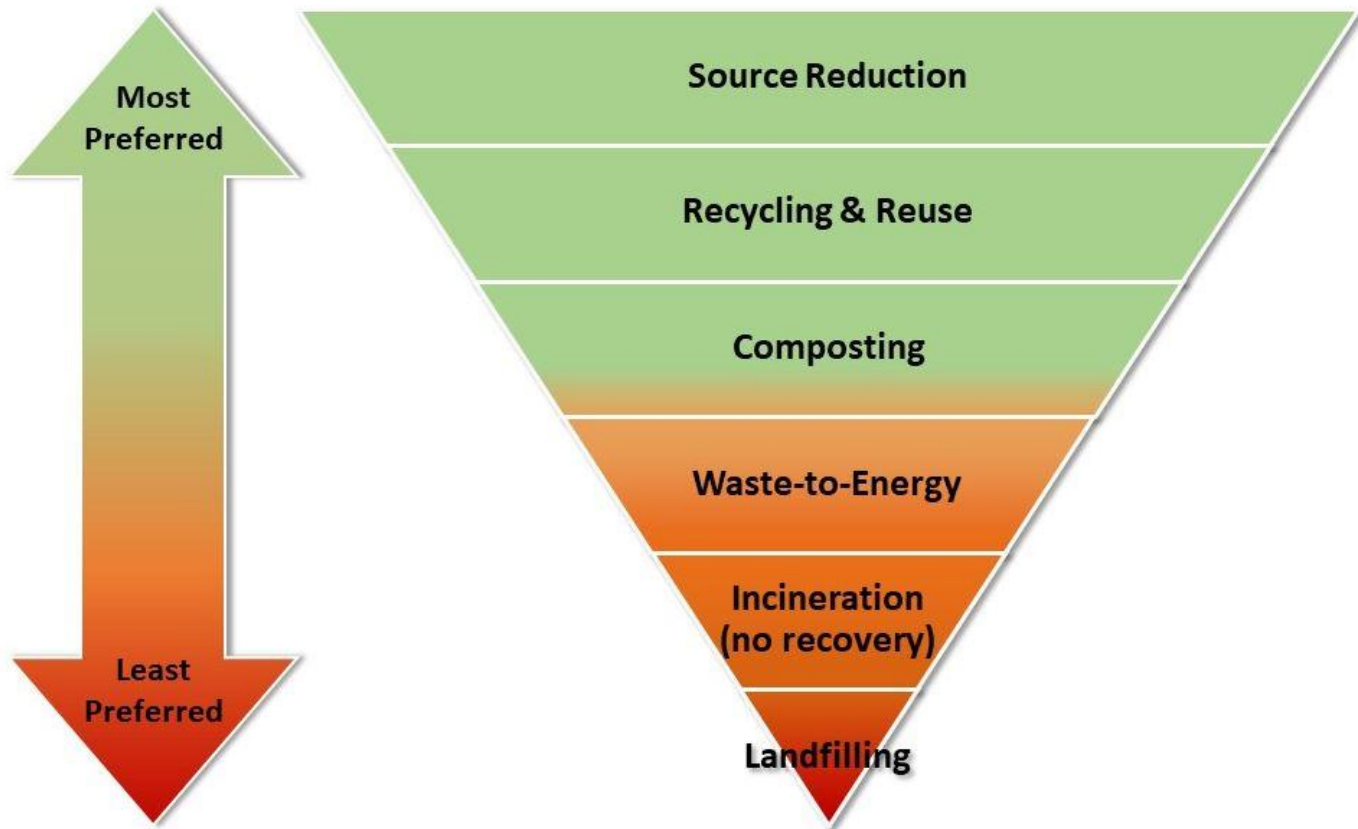




See Accompanying
Handout

*Overview of Composting
Laws and Regulations in
New Hampshire (NRRRA)*

NH Waste Reduction Hierarchy



Diversion Goal & Ban



40% diversion goal
by 2000



Ban on landfilling
or incinerating leaf
and yard waste





New Law in 2015

To establish rules for
composting meat and
dairy



Composting Stakeholder Work Group



Yes in My Back Yard!

- USDA grant funded program
- 6 full day regional workshops in NH, VT and MA
- Organics diversion education for solid waste facility operators, schools, and businesses





Permit Options for Composting

Three Main Categories

Permit Exempt

Who: Private homes, schools,
and farms

What: Can compost yard and
food waste (no meat or dairy)

Source: Food waste is
generated on site

Process: No permit required



Permit-by-Notification

Who

- Receive 30 tons or less per day (ex. publicly owned transfer stations, small food composting facilities)

What

- Up to 20% food waste mixed with 80% yard waste, animal manure, etc.

Source

- Food waste only from retail food outlets, commercial and institutional kitchens, and food processing operations (no meat or dairy)

Process

- No in-depth technical review by NHDES and no cost to apply



Standard Permit

Who: Facilities accepting over 30 tons of waste per day (ex. landfills, transfer stations, incinerators, and composting facilities)

What: Permit customized to type, size, and other variables of applicant. May request composting food waste, including meat and dairy.

Process: Involves intensive review and approval process by NHDES. Tends to be costly.



Pathways to Composting Meat & Dairy



Can request waiver of certain regulations restricting composting meat and dairy



Contact the NHDES Solid Waste Management Bureau for more info



Increase
NHDES
Funding

Focus on updating
composting regulations

Focus on waste
reduction, recycling and
composting



Ban Food Waste in Landfills

CT, VT, MA & RI have
laws banning some food
waste from landfills



Recycling &
Solid Waste
Study
Committee

Hearing on composting
Thursday, Sept. 26 at 1 pm

Consider attending or
submitting comments





Northeast Resource Recovery Association
**ANNUAL CONFERENCE
& EXPO**

Monday & Tuesday, May 18 – 19, 2020
Manchester, New Hampshire



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Thank you For Recycling

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STAY CONNECTED



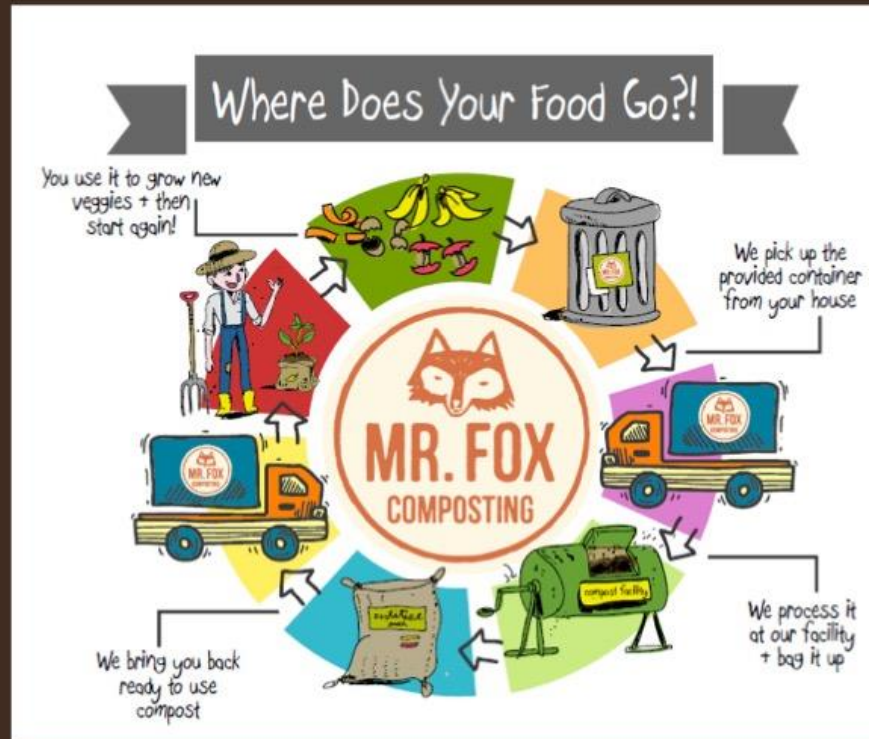
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WHAT DOES MR. FOX DO?



WHAT ABOUT RESTAURANTS, SCHOOLS, AND COMMERCIAL FACILITIES?



COMMUNITY PARTNERS

WE SERVICE:

RESTAURANTS

BAKERIES

SCHOOLS

CHURCHS

COMMUNITY CENTERS

EXAMPLE SERVICE AREAS:

MADBURY

PORTSMOUTH

KITTERY

RYE

OGUNQUIT

YORK

EXETER

LEE

DOVER

HAMPTON

HAMPTON FALLS

SOMERSWORTH

BERWICK

SOUTH BERWICK

DURHAM

NEWMARKET

WE ALSO DO EVENTS!



WHAT IS THE DIFFERENCE BETWEEN HOME COMPOSTING AND MR. FOX?





-COMPOSTS ALL
FOOD WASTE

-BREAKS DOWN
COMPOSTABLE
PRODUCTS

COMPOST HAPPENS.... IN THE WINTER TOO!



FROM COUNTERTOP TO CURBSIDE



Composting at home is easy as 1, 2, 3!



1

We'll drop a bin
and a liner off at your
doorstep.



2

You put your
week's organics in
the bin.



3

We pick it up and leave
you with a new liner.

WHAT CAN YOU COMPOST WITH MR. FOX

COMPOSTABLE ITEMS

ALL FOOD SCRAPS INCLUDING:

- MEAT
- MEAT BONES
- FRUIT (STICKERS REMOVED)
- VEGGIES (STICKERS REMOVED)
- BROWN PAPER TOWELS
- FLOWERS & FLORAL TRIM
- DAIRY
- SHELLFISH
- COFFEE GROUNDS & FILTERS
- BROWN PAPER NAPKINS
- TEABAGS (STAPLES REMOVED)
- CERTIFIED BPI PRODUCT / 7PLA

CUSTOMERSERVICE@MRFOXCOMPOSTING.COM



WHAT DO WE DO WITH THE COMPOST?





FOR PLANTS ONLY -

COMPOST

KOMBUCHA!

LIVE MICROBES

MR. FOX COMPOSTING

YOUR PLANT
- LOVES -
- millions of living
microbes + bacteria
- fights plant disease

MR. FOX COMPOSTING

MR. FOX COMPOSTING

FRESH LINER.

BY RS 1,2,3
OR WEEKLY SERVICE

MR. FOX COMPOSTING

MR. FOX COMPOSTING

MR. FOX COMPOSTING

MR. FOX COMPOSTING

MR. FOX COMPOSTING





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QUESTIONS?