CT Coalition for Sustainable Management
Food Scraps and Organics Collections Working Group

October 20, 2020
We produce, market and sell over 315,000 tons of finished compost, engineered soils, and mulch.
Conversion of Organic Wastes to Clean, Marketable Products
Leaf Composting

Mandated
Recyclable since
1991
Changes in collection methods were necessary
Leaf collection in Connecticut is now either in bulk or biodegradable paper bags.
Food Waste Composting

Early Loads
Acceptable Material for Windrow Composting

- Waxed Cardboard
- Compostable Plastic Bags (Green)
Plastic

Stryrofoam

Not Acceptable
Plastic from food waste creates litter issues throughout the site.
SSO Depackaging Facility
Staten Island Residential SSO
Tiger (Depackager) Installed
Tiger (Depackager)

8 CY Stainless Steel Hopper and Augers

Vertical Mill with Screens
Tiger – Removal of Contaminants
Compostable Slurry
Outdoor Windrow Composting
Compostable Packaging and other Products

Compost Manufacturing Alliance

Composter Approved

- Tested at commercial compost facilities
- Tested using different composting technologies
- Needs to be differentiated from non-compostable
- Challenges with generator compliance still remain
# Contamination Strategies

## Mechanical Depackaging
- Capital cost
- Operating cost
- Require large scale operation
- Removes all non-food material
- Facilitates collection
- Increased participation
- Reduces monitoring costs
- Effectively removes contaminants

## Compostable Bags & Products
- Hides other non-compostable products which may be added by consumers
- Difficult to Monitor
- Creates site housekeeping issues
- Facilitates Collection
- Increases Participation
- Scalable

## Only Food Waste
- Creates collection challenges
- Reduces participation
- Needs to be monitored
- Reduces contamination
Topdressing with Finished Compost