WeCare Denali

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CT Coalition for Sustainable Management

Food Scraps and Organics Collections Working Group

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WeCare Denali

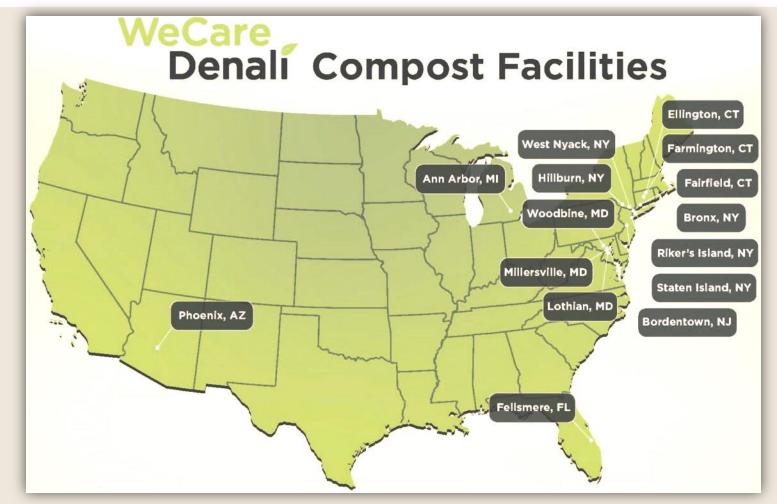




2012 - 2019



1994 - 2012



We produce, market and sell over 315,000 tons of finished compost, engineered soils, and mulch.



Conversion of Organic Wastes to Clean, Marketable Products



Brush Grinding / Mulch Productions





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

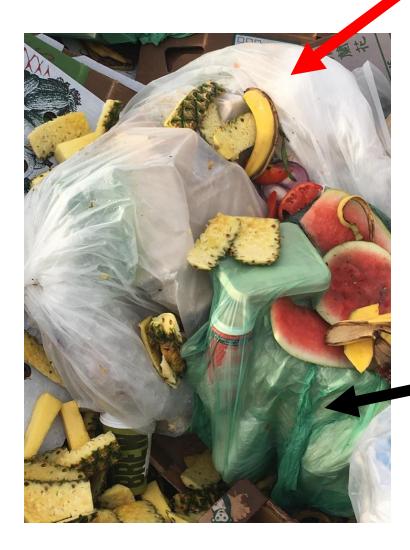


Waxed Cardboard

Compostable Plastic Bags (Green)

Not Compostable





Compostable



Plastic



Not Acceptable

Stryrofoam



Plastic from food waste creates litter issues through out the site



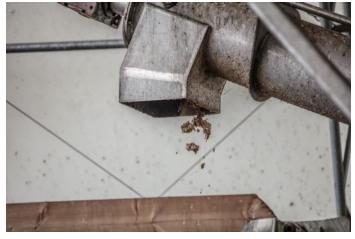
SSO Depackaging Facility















Staten Island Residential SSO







Tiger (Depackager) Installed





Tiger (Depackager)



8 CY Stainless Steel Hopper and Augers

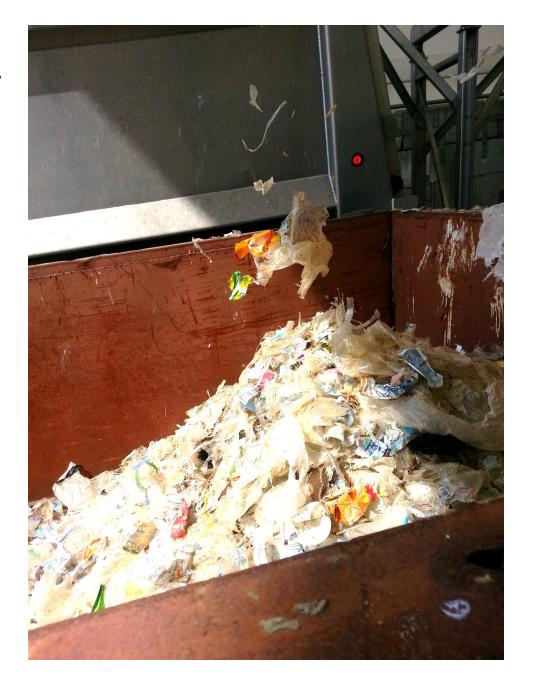


Vertical Mill with Screens



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



