

Building Organics Collection – the Hauler Perspective

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Getting Started

- Why
 - Customer Pressure
 - Upcoming Waste Ban
 - Opportunity
- How
 - Commitment from Ownership
 - Capital Investment (Trucks, Containers, Labor)
 - Explore Processing Sites
 - Training of Sales & Ops Personnel
 - Build Volume & Density

Defining Organic Waste

- Materials
 - Food Waste
 - Agricultural Waste
 - Animal Bedding
 - Non-Recyclable Paper Products
 - Compostable Products
 - ASTM D6400-12 – Plastic Items
 - ASTM D6868-11 – Plastic Film/Coatings

Inside Collection Containers



Interior Collection

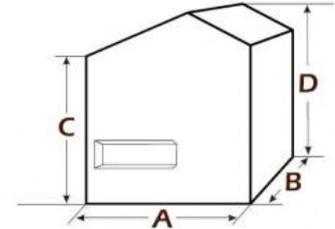


Hauling Considerations

- Containers
 - Cleanliness
 - Safety
 - Weight
 - Liquid Concerns
 - Storm Water
 - pH
- Trucks
- Routing/Travel Time
- Costs

Exterior Collection Containers

CAPACITY	A	B	C	D
2 YARD	35"	72"	36"	41"
3 YARD	41"	72"	45"	56"
4 YARD	52"	72"	48"	60"
6 YARD	66"	72"	51"	69"
8 YARD	80"	72"	48"	76"
10 YARD	84"	72"	75"	84"



Doors are not available on 2, 3, and 4 yard containers.
Containers with wheels add 7" to height, with foot channel add 3".
Approximate specifications subject to change.



Exterior Collection Containers



Cleanliness



Route Collection Trucks



Route Collection



Processing Sites

- Industrial vs. On-Farm Operations
 - Materials Accepted
 - Threshold for Contamination
 - Consistent Operations
 - Safety, Environment & Health
 - Scales
 - Container Wash-out
 - Proximity & Routing
 - End Products
 - Processing Costs

Industrial Composting

- Commercial Site
- Process
 - Pre-sort
 - Digester Tube – 3 days
 - Interior Windrows – 90 days
 - Material Screening & Testing
 - Outdoor Windrows – 180 days (off-site)
- Quality End Products
 - Landscape Supplier
 - Slope Stabilization
- High Processing Costs

Material Specifications

- Acceptable

- Bakery
- Floral
- Fruits & Vegetables
- Coffee Grounds/Filters
- Meat, Poultry, Seafood
- Compostable Plastics
- Non-Recyclable Paper
 - Napkins/Paper Towels
 - Waxed Cardboard
 - Soiled Paper Plates & Cups

- Non-Acceptable

- Plastics
- Wood (>2")
- Styrofoam
- Glass
- Metal
- Textiles
- Wire

Industrial Compost Site



Industrial Compost Site



Future

- Full Service Recycler and Waste Hauler
- Opportunity for Growth
 - Significant Expansion Opportunity
 - Bid Qualifier
 - New Solutions to Allocate Resources
 - Zero Waste
 - Organics Composting
 - Single Stream Recycling
- Committed to Long-Term Partnership

Questions

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