## Denali at a Glance









#### **ORGANIC WASTE MANAGED:**













#### PRODUCTS MADE FROM RECYCLED WASTE:



4.3M

tons of food processing residuals lan applied as fertilizer



1.2M

tons of biosolidsland applied as fertilizer



252K

tons of animal feed



12M

allons of iodiesel



308K

tons of



2.1M

tons of

## **Types of Food Waste**

## Pre Consumer — a.k.a. known as Back of the House

- Unpackaged Food vs Packaged Food
- Meats Fats, Oils, Grease
- Fruits, Vegetables, & Bakery
- More controls = Less Chance for Contamination

## Post Consumer- a.k.a. Front of the House

- Unpackaged Food vs Packaged Food
- Containers and Utensils- Compostables
- Lack of controls = Increased Chance of Contamination







# Types of Food Waste Outlets

#### **Pre Consumer**

#### Packaged waste

- Digestors or Compost Facilities
- Not many compost facilities have the equipment to depack

#### Meats and Grease

- probably cant go to Feed animals
- Compost facilities may not want this material eithervector attraction

#### Fruits, Vegetables, & Bakery

- Feed, Compost, and Digestors
- If going to feed- need 100% free of contamination

#### **Post Consumer-**

#### Unpackaged Food vs Packaged Food

- Digestors and/or Compost
- If compost facility has depack equipment

#### Containers and Utensils

- Digestors and/or Compost
- If compost facility can handle compostable material used for containers/utensils









## **Training Required**

- In person and virtual
- Need Buy in from Key Stake Holders
  - Customer
  - Driver
    - As waste stream changes... training changes
    - Pre vs Post Consumer Package vs Depackage
    - Definition of contamination changes
  - Outlets
- Ongoing
  - Different Seasons
  - High Employee Turnover in Retail



## Commercial Foodwaste Regulations

#### • Permits:

- Agricultural vs Solid Waste
  - How you are classified may very
- Township City State
  - Each could have their own requirements
    - Enclosures, reporting, permits, equipment, etc

#### Contamination:

 GW and FW bans make it challenging when dealing with Contamination to Land Fills

### Legislation:

- Foodwaste Mandates- Radius around outlets
- Sparks infrastructure- but can take time
- Language can be vague (on purpose)
  - What is a fair price?



