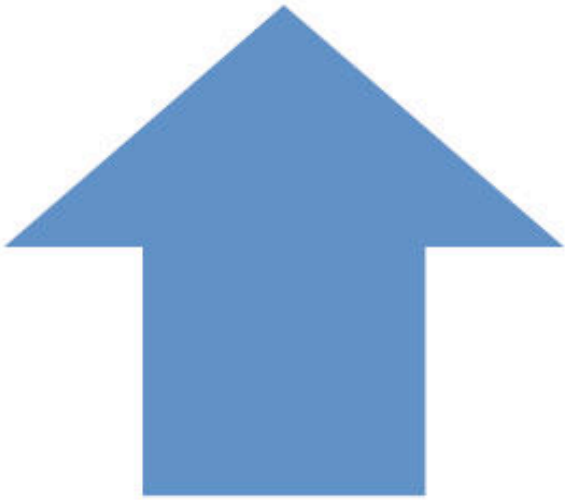
Agri Service, Inc.

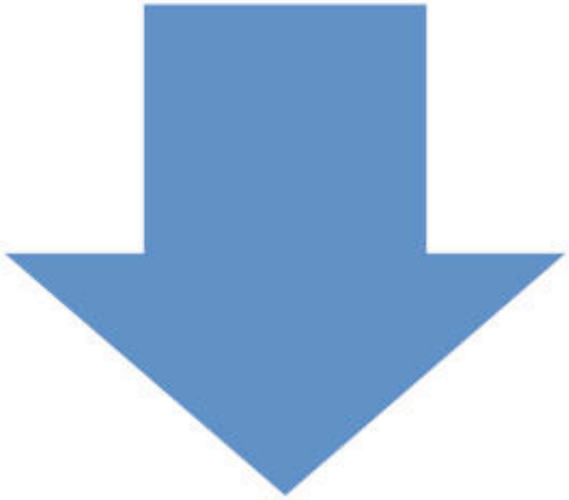
Los Angeles Public Works

October 2009



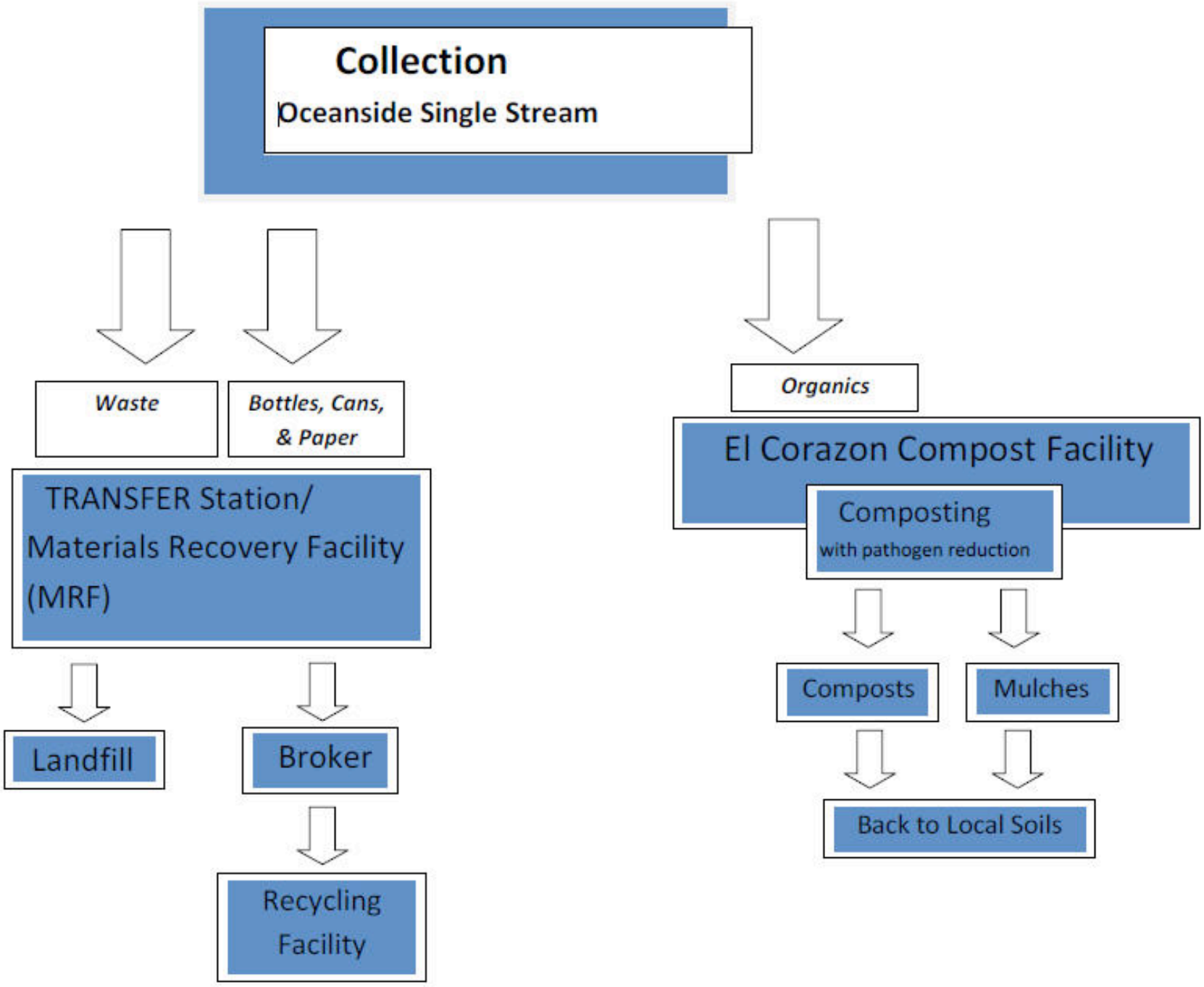
Conservation & Source Reduction

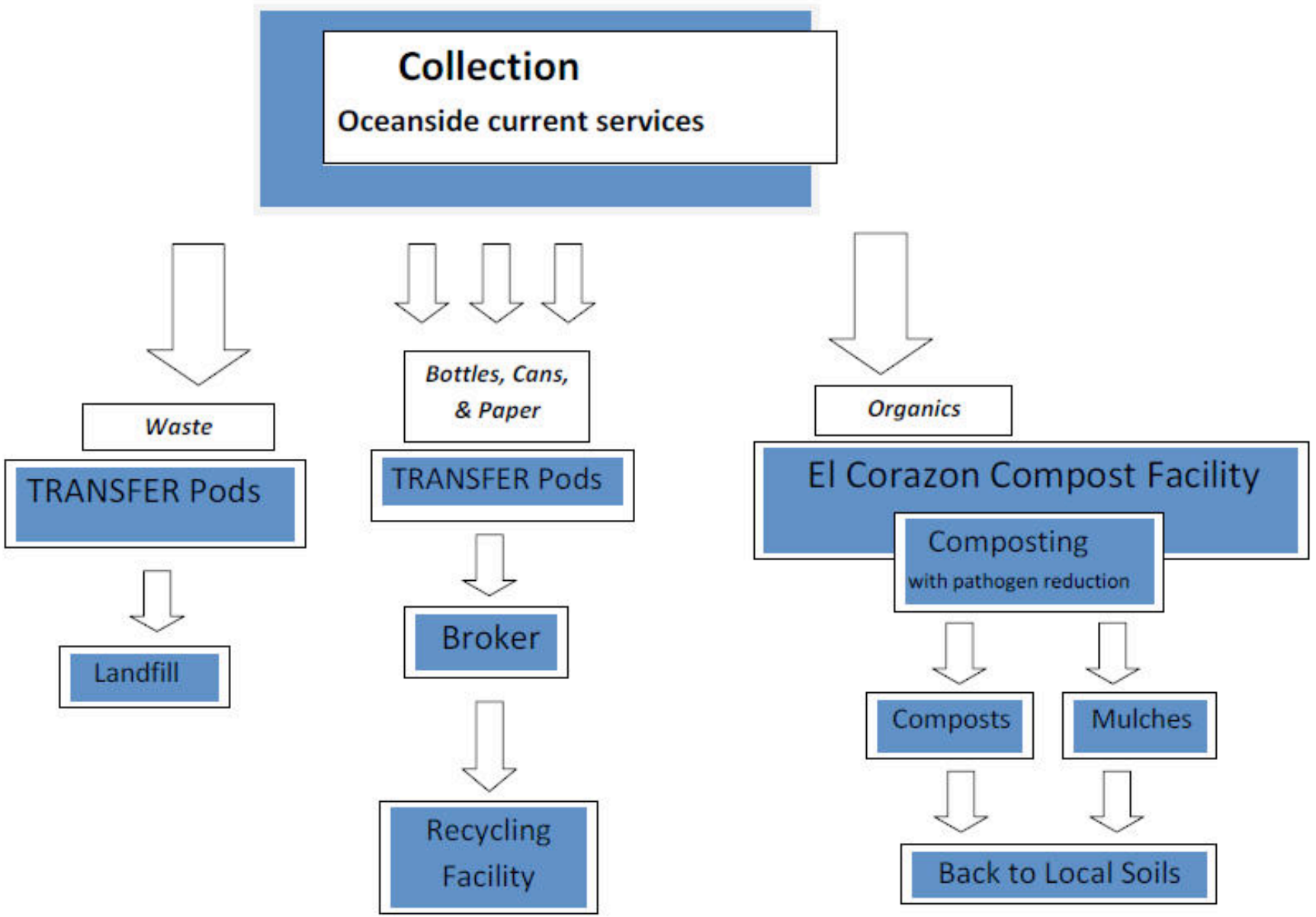
The first and most important step! Saves the most money, reduces infrastructure costs, reduces demand for energy and resources.

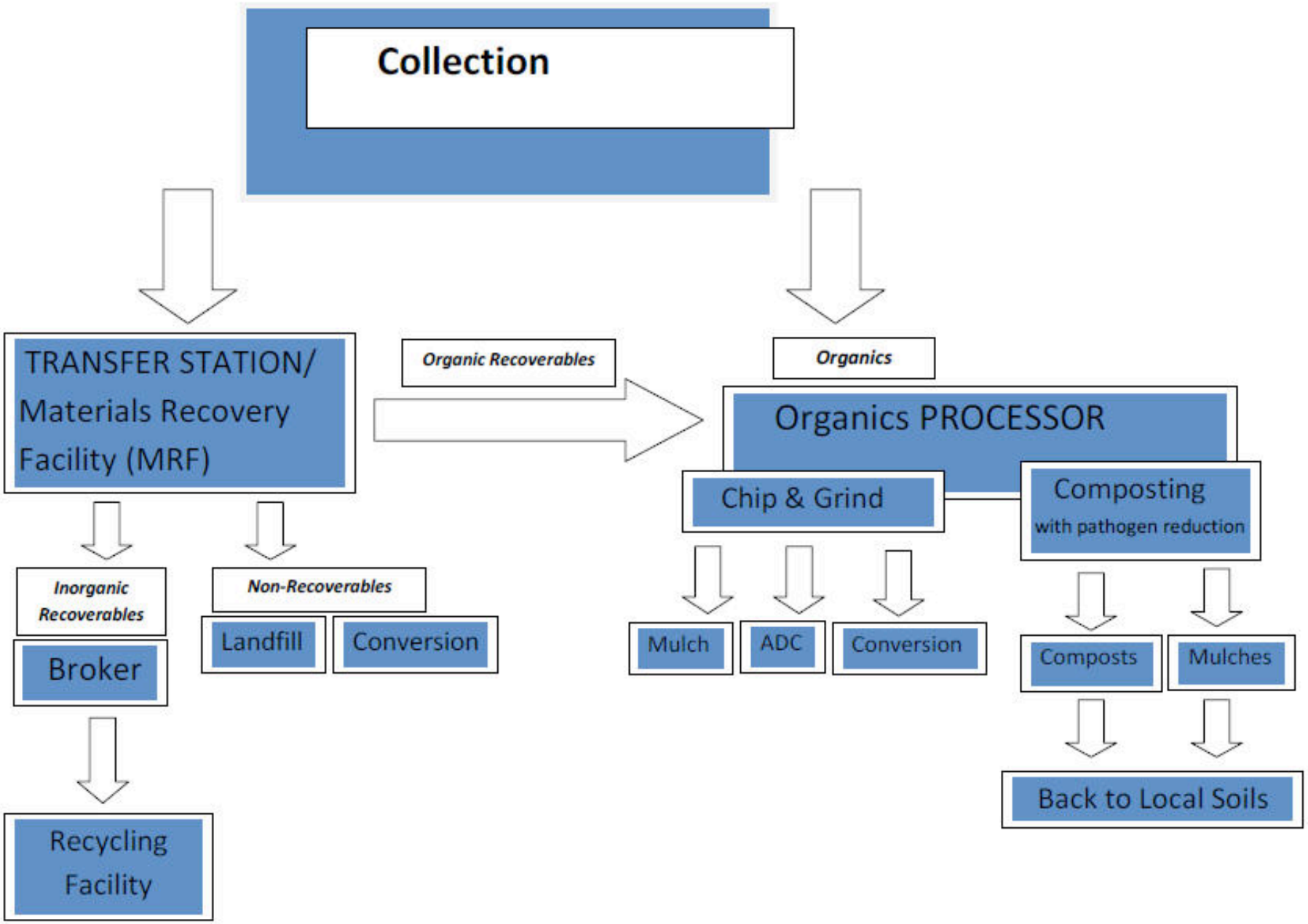


Waste

What do we do with what's left over?


Collection
Oceanside Single Stream
Waste
Bottles, Cans, & Paper
TRANSFER Station/ Materials Recovery Facility (MRF)
Landfill
Broker
Recycling Facility
Organics
El Corazon Compost Facility
Composting
with pathogen reduction
Composts
Mulches
Back to Local Soils


Collection
Oceanside current services
Waste
TRANSFER Pods
Landfill
Bottles, Cans, & Paper
TRANSFER Pods
Broker
Recycling Facility
Organics
El Corazon Compost Facility
Composting
with pathogen reduction
Composts
Mulches
Back to Local Soils


Collection
TRANSFER STATION/ Materials Recovery Facility (MRF)
Organic Recoverables
Organics
Organics PROCESSOR
Chip & Grind
Composting with pathogen reduction
Inorganic Recoverables
Broker
Non-Recoverables
Landfill
Conversion
Mulch
ADC
Conversion
Composts
Mulches
Recycling Facility
Back to Local Soils

Why it is important?

- **Stabilize Rates**
  - **According to the Morris Environmental Calculator (MEBCalc)**
    - Composting mixed organics $18.60 per ton
    - Landfill with gas recovery $45.09 per ton
    - Energy from Waste $57.29 per ton
  - **Recycling organic wastes Locally (per City staff)**
    - $820,000 per year savings in waste fees
    - $500,000 per year savings in transportation costs
- **Reduce Liability**
  - **Comply with Mandates**
  - **Plan for long-term Sustainability**
  - **City-Private Partnerships**

Basic Parameters

Organics Composting Facility

75,000 tons per year

- **15 acres of land, including buffer zones**
- **Access to Water & Electricity**
- **Access to Main Roadways**
- **Strategic Siting of facility - within 15 miles of generators and end-users**

What Comes In, Must Go Out.

Costs of Handling Organics

- Economic Costs:
  - **Infrastructure**
  - **Operating Costs**
  - **Transfer Costs**

- Offsets:
  - **Tip Fees and Product Sales**
  - **Reduced Transportation**
  - **Reduced need for pesticides and fertilizer in jurisdiction's landscapes**

ADC and lost opportunities

- Landfill space
- Not making money to defray tip fees

Resource Conservation & Recycling

- There are significant environmental and economic benefits with a local composting facility.
- Recycling and composting conserves natural resources and reduces greenhouse gas emissions.
- Waste reduction can result in substantial fiscal savings related to trash and purchasing costs, and generates jobs in our local economy.

Opportunities Now

- Money savings
- Water savings
- Energy savings
- GHG reductions
- Local income and jobs
- Compliance and Beyond
- Sustainable systems and communities

Agri Service is a Sustainable Business

- **Proven Economics**
  - Highest Value End Products & Markets for inputs
  - Long Term Viability
  - City-Private Partnerships
- **Proven Environmental**
  - Recycling Organics into Value-Added Products for the community
    - Less Organics Landfilled
    - Less Water and Chemical Fertilizer use
    - Less Transportation Impacts
- **Proven Social**
  - Living Wages
  - Full Medical Insurance for employees and their families
  - 401K Retirement Plans
  - Community Outreach and Education Programs

Thank You!

www.AgriServiceInc.com