



Solid Waste

Recycling &

Compost Training

2015

**City of Madera Solid Waste
Department**

Mandatory Recycling and Composting for Businesses

Recycling

Compost

Trash



What to Recycle

- **Paper**
 - White paper
 - Colored office paper
 - Envelopes
 - File folders
 - *Post-It Notes & Staples are ok*

- **Cardboard**



What to Recycle

- **Glass Bottles & Jars**
 - Food & drink containers only
 - Empty before recycling



What to Recycle

- **Almost All Plastic**
 - **Water & Juice Bottles**
 - **Milk Jugs**
 - **Rigid Tubs & Lids**
 - **Clamshell Containers**
 - **Plant Containers**



What to Recycle

- **Aluminum Cans, Foil & Trays**
- **Steel & Tin Cans**



What to Compost

- **Food Scraps**
- **Food-related Paper Products**
 - *Paper towels, napkins, plates & paper cups*
- **Waxed cardboard, milk and juice cartons**
- **Compostable Plastics (*only with green label*)**
 - **Paper towels**



Very Few Items Belong in the Trash



PLASTIC BAGS



WRAPPERS



HARD TO RECYCLE PACKAGING



STYROFOAM



PLASTIC WRAP

Central Office Collection Station



- **All 3 containers placed together**
- **Less trash with more recycling and composting**

Don't Throw These in Trash

Please ~ No Electronic Devices

Inside there are Toxic Materials



Don't Throw These in Trash

**Please ~ No Batteries, Lamps
or Ink/Toner Cartridges**

Inside there are Toxic Materials





Avoid Contamination

- ***Clean white office paper*** is made into new white office paper and high quality tissue products
- ***Mixed paper*** becomes cereal boxes, paper towels & tissues
- ***Cardboard*** becomes new boxes
- ***Recycled glass bottles*** are used to make new glass bottles and jars
- ***Recycled plastic bottles*** can be used to make new products like carpet and fleece vests and jackets
- ***Food scraps*** are composted and sold to farmers, wineries & gardeners



Mixed recycling is loaded onto conveyor lines which transport the material to the top of a two-story platform.



On the platform, mechanical & manual separation is used to sort the recyclables into individual commodities. *Plastic bags cause significant equipment problems and shutdowns.*



Workers on the platform pull cardboard, paper, plastics & glass and drop them into corresponding bins where the material is collected at the ground level.



Glass is sorted by color. Plastics are separated by type. Paper is separated by grade (mixed paper, white paper, newspaper, cardboard, etc.). Steel & Aluminum are captured by magnets and air currents.



Separated materials are compacted into bales and are ready for end markets. Manufacturers purchase the commodities and make them into other plastic, paper, glass, and metal products.



Most recyclable materials are sold to manufacturers in China & other Pacific Rim countries. While we have a good system in place, it is always best to Reduce our consumption, Reuse existing materials, then to Recycle, and finally Buy Recycled Content products.

Materials are taken to Mid Valley Disposal
15300 W. Jensen Ave., Kerman, CA 93630





Compostable material is ground into small pieces and formed into piles.

The piles are covered with a breathable fabric that accelerates the natural cycle of decomposition with higher temperatures.



In 75 days food scraps and paper products are transformed into a nutrient rich soil amendment, COMPOST!



The finished product COMPOST is used by vineyards and in organic farming applications to grow more food and trees.



Using compost means pesticides aren't required, soil fertility is increased, water is conserved, and soil erosion is mitigated.



Be A Hero

Fight Climate Change

- For every 1 ton of mixed paper recycled, about 4.3 tons of CO₂e are avoided.

Save the Forests

- Recycling 1 ton of paper saves about 24 trees and 7,000 gallons of water.

Clean the Air and Water

- Recycling metals reduces air pollution by 85% and water pollution by 75%.

Save Energy

- You could watch more than 2½ hours of television with the energy saved from recycling just one aluminum can.

Help the Economy

- Recycling creates six times as many jobs as landfilling.



Resources:

- **CalRecycle.com**
- **Cityofmadera.com**
- **Midvalleydisposal.com**



For More Information

- **Contact:**
- ***City of Madera***
- ***Solid Waste Division***
- ***1030 S. Gateway Drive***
- ***Madera, CA 93637***
- ***(559) 661-5406***