Titus LA Secondary MRF Recovers 1st MRF Residuals
MRF Upgrade: Longer Presort Conveyor with 14 stations
MRF Upgrade: OCC Screen
MRF Upgrade: 4 Fiber Screens in 2 parallel sets
MRF Upgrade: Conveyors and QC lines
MRF Upgrade: Expanded Glass Cleaning System
MRF Upgrade: 2 Additional Optical Sorters
Upgrade goal: increased recovery and reduce residual
3 Collection Program Changes Tested To Reduce Trash

Increase in Diversion % by Test

- **Small Bin**: 14.1%
- **Every Other Week**: 11.6%
- **Pay per Setout**: 2.4%
- **Control**: 2.3%
Changes in What Bins Materials Go

OLD

NEW
Updated Recycling Bin Signage

**Paper**
- Empty cartons, cardboard, and paper cups
- Recipientes secos de cartón, cartón y vasos de papel

**Plastic**
- All hard, empty plastics
- Todos los plásticos duros y vacíos

**Glass**
- All colors of glass containers
- Recipientes de vidrio de todos los colores

**Metal**
- Small aluminum, tin, and steel items
- Artículos pequeños de aluminio, latón y acero

**Bagged soft plastics**
- Bolsas de plástico en una bolsa

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**SFRecycles.org**
Updated Recycling Bin Signage

**COMPOST**

- **Food scraps**
  - Restos de comida
  - Includes meat, bones, shells, and peels
  - Incluye carne, huesos y cáscaras
- **Dirty paper containers**
  - Recipientes sucios de papel
  - Takeout containers and paper plates
  - Recipientes para llevar comida y platos de papel
- **Plants**
  - Plantas
  - Flowers, leaves, branches, and weeds
  - Flores, hojas, ramas y hierbas
- **Paper towels & tissues**
  - Toallas y pañuelos de papel
  - Respect resources, use sparingly
  - Respete los recursos, úselos con moderación

**COMPOSTSTAR**

- **Compostable plastics**
  - Plásticos compostables
  - Item must be labeled “compostable” or BPI
  - El artículo debe estar rotulado como “compostable” o BPI

**SFRecycles.org**
New Dedicated Website: SFRecycles.org

SF Recycles

Recycle

- Recycle even more!
- Paper
- Cardboard
- Metal
- Plastic
- Glass

Compost

- Food scraps
- Feedstock ingredients
Recycle

- Recycle even more!

Plastic bags, plastic wrap
Bundle clean, dry plastic inside one plastic bag.

Paper coffee cups (empty)
Recycle empty cup, sleeve, and plastic lid.

Milk cartons, juice cartons (empty)

Ice cream containers

Compost

- Food scraps
- Food containers
- Dirty paper
- Yard waste
- Wood
- Organic material
- Compostable containers
Citywide Rollout for Smaller Trash and Larger Recycling

RESULTS SO FAR
• 62K Single Family Households
• 30% Opted Out of 16 gallon Trash
• 11% Trash Reduction
• 12% Recycling Increase

Larry Strong, Courtesy of Recology
➢ MRF slowed down from 45 to 30 tph with more QC
➢ Lost gain in reducing residuals, e.g., shredded paper
➢ Upgrade better positions MRF to meet market changes
➢ Another upgrade to add more opticals & an AI Robot
➢ Education, tagging, letters, noncompliance charges
China tightens recycling import rules

We have all seen the pictures of cities in China with air pollution so bad citizens have resorted to wearing masks. To help improve the environment, the Chinese government recently implemented new rules severely restricting the import of recycled plastics and recycled paper.

With the paper mill industry declining in the US, we have been shipping much of our baled paper to China, where high-quality recycling is made into products such as cereal boxes and shipping cartons.

Historically, China has accepted 4 to 5% of our baled paper. While the US was sending 70% of China's baled paper, the country now expects less than 10%.

US recycling businesses will need to more stringently sort the waste they collect, and households will have to do a better job.

—Wall Street Journal

“Slow down a little

participate in the green bin composting collection program. When we separate banana peels, coffee grounds, and food-soiled paper, they do not touch recycled paper. This keeps recycled paper dry and clean and helps San Francisco comply with China’s new quality requirements.

MEETING THE CHALLENGE

The City and Recology are taking the challenge to reduce impurities in our recycling bales head on.

We invested $11 million upgrading Recycle Central in 2016 and will invest another $3 million this year. This is a massive step towards ensuring our recycling is clean and free of food waste.

Check out the City’s new website: SFRecycles.org
Thank You

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