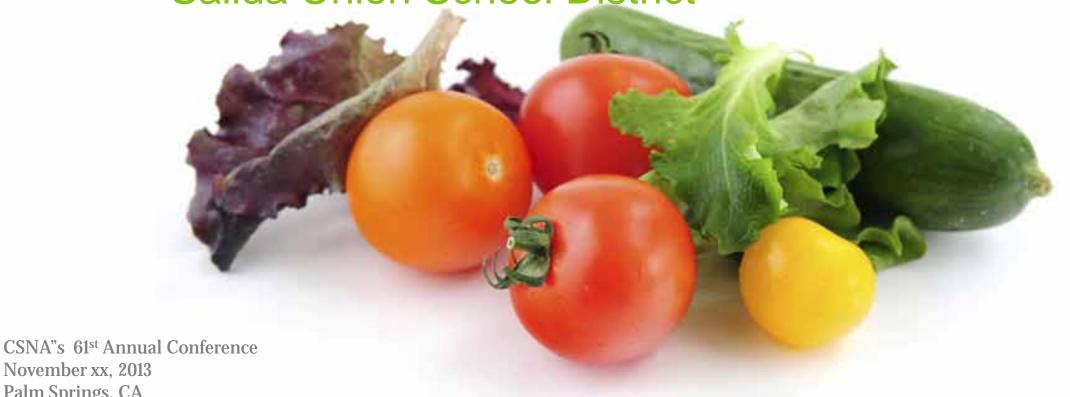


Palm Springs, CA

#### How to Achieve A Zero Waste **Food Service Department**

November 16, 2013 1:30-2:30

Billy Reid, Director II, Child Nutrition Services, Salida Union School District









# District Overview

- Small school district in an agricultural community
- Four schools, three elementary, one middle school
- Total enrollment approximately 2,800



- Breakfast served daily, approximately 2,000
- Lunch served daily, approximately 5,000
- Multiple contracted and vended sites throughout the county
- Recipient of seven Gold Award of Distinction from the Healthy US Schools Challenge
- First school district in California to receive such an award
- Currently the only school district in California where every school is a gold distinction winner

# THE END RESULT





The entire waste for 1 school for 1 day after using this method.

# How it's Done

- Step 1- Styrofoam Melting
- Step 2- Cardboard/Plastic/Tin Can Baling
- Step 3- Closed Coupled Pulping/Hydro-Extraction
- Step 4- Dehydration





- Common misconception is that Styrofoam has to sit in the landfill forever. WRONG!
- With the new melting technology, polystyrene and Styrofoam does not have to go to the landfill, is 100% recyclable, and if processed in enough quantity may reduce our dependence on foreign oil.



# Before- During- After







### Cardboard = Cash









- For a minimal investment you can bale your own cardboard and even plastic and tin.
- You have now created a new revenue stream.
- Most ROI's are about 12 months.

# Step 3- Closed Coupled Pulping/Hydro-Extraction

 Closed coupled pulping/hydro-extraction will show you an 85% reduction in volume.





## Step 4- Dehydration

Mix this with five parts soil for an amazing fertilizer/soil amendment.

No composting needed.





### Common Misconceptions

- Styrofoam is bad.
- Washing your own trays is the most cost effective method.
- Biodegradable trays are recyclable.
- Going green costs money.
- Zero waste is unattainable.



- This recycling method will:
  - Generate revenue and save money. Approximately \$15,000 per site per year.
  - Provide great teaching moments for children.
  - Send ZERO waste to the landfill.

#### HELP OUR PLANET HEAL.



Thank You
Billy Reid, Director II, Child Nutrition
Salida Union School District