

# Tribal Waste Sort & Training

Hosted by Pueblo de Cochiti & New Mexico Recycling Coalition



- Structured process to quantify amount & types of waste being generated.
- Also called waste audit or waste characterization study, these terms usually cover the entire process including analyzing the data collected during the “waste sort”.

	Weight (lbs)	Weight (oz)	% of Total Weight	Approx. Volume (gallons)	% of Total Volume	Sub-Total % (Weight)	Sub-Total % (Volume)
Conventional Recyclables :	Aluminum Cans		#DIV/0!		#DIV/0!		
	All Plastics		#DIV/0!		#DIV/0!		
	Cardboard		#DIV/0!		#DIV/0!		
	Mixed Papers (mail, magazines, news & office paper, greyboard)			#DIV/0!		#DIV/0!	
	Tin Cans			#DIV/0!		#DIV/0!	
	Cardboard			#DIV/0!		#DIV/0!	#DIV/0!

## What is a Waste Sort?

- Community
- Business
- School
- Group of Offices
- Visual Audit vs Sort Activity



## Types of Waste Sorts

- With any data collection, larger samples produce better results
- Conducting waste sorts often will produce more comprehensive results
- Identify specific objectives

★ Objectives will largely determine the waste gathered and physical locations to be audited.

## Best Practices

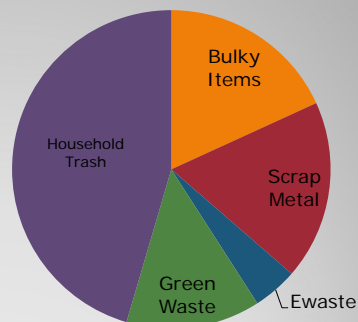
- To collect baseline data on composition and quantities of recyclables being generated by tribal members
- To identify volume & weights of easily recyclable items

Data collected today will be used to help justify a new recycling program and to determine which common recyclables should be diverted first.

## Cochiti Pueblo Objectives

- Gene has already:
- contacted available markets and discussed sorting options
  - identified all sources of waste
  - conducted visual assessments

**Waste Streams Identified from Visual Assessments**

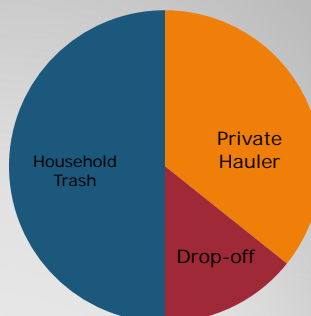


## Cochiti Pueblo Objectives

Assessment of current program collection methods:

- Private Hauler (bulky waste, white goods, ewaste, scrap metal)
- Drop-off (green waste)
- Household trash

### Cochiti Pueblo Waste Collection Types



## Cochiti Pueblo Objectives


Materials Needed:

- Large Tarp
- Tent or Inside area
- Bins for separation
- Gloves
- Rakes, Grabbers
- Scale
- Work Clothing or Suit
- Data Sheets
- Data Collection Supervisor
- Sort Supervisor


**Safety of sorters is crucial!!**



## The Waste Sort



**You WILL get dirty!**



**Watch for blowing litter!**

**The Waste Sort**



**The Sorting Team**

- ✓ Each person pulls one material at a time
- ✓ Complete sorting one pile before creating another
- ✓ Fill bins to top before taking to weigh station
- ✓ Work as a team

**The Weighing Team**

- ✓ Double check that material is correctly sorted
- ✓ Record volume & weight
- ✓ Take notes on all interesting items
- ✓ Take photos
- ✓ Work as a team

**The Waste Sort**

<u>Conventional Recycling</u>	<u>Special Recycling</u>
<ul style="list-style-type: none"><li>• <b>Aluminum Cans:</b> beverage, cat food</li><li>• <b>All Plastics:</b> exclude tableware, cups, Styrofoam, bags</li><li>• <b>Cardboard:</b> corrugated boxes, brown paper bags</li><li>• <b>Mixed Papers:</b> mail, mags, news &amp; office, greyboard, cartons</li><li>• <b>Tin Cans:</b> human &amp; dog food</li></ul>	<ul style="list-style-type: none"><li>• <b>Compostable Food &amp; Paper:</b> napkins, paper towels, all food</li><li>• <b>Electronics</b></li><li>• <b>HHW</b></li><li>• <b>Glass</b></li><li>• <b>Scrap Metal</b></li><li>• <b>Yard Debris</b></li></ul>

**The Categories**



One material at a time.

<u>Reusables</u>	<u>Other</u>
<ul style="list-style-type: none"><li>• Textiles</li><li>• Household Items</li></ul>	<ul style="list-style-type: none"><li>• Film Plastic</li><li>• Styrofoam</li><li>• Plastic tableware &amp; cups</li><li>• .</li><li>• .</li></ul>

**The Categories**

