What goes in the Cart

Changes in incoming comingle sampling @ Garten
What goes in the Cart?

One of the most challenging aspects of the changes in recycling, is how do you pass the information on to the public, of what changes are happening in recycling, and what NOW goes in the curbside cart. How do you do that?

• Radio
• TV
• Newspaper
• Master Recyclers
• Tours of Garten
• Educational Flyers sent to each individual customer.
• Educational flyers sent to hauler base.

On the next page are a couple of flyers that are being shared by haulers and Garten.
What goes in the Cart?

**RECYCLE RIGHT**
MIXED RECYCLING GUIDE

**Paper & Cardboard**
- Junk Mail
- Greeting Cards (no foil or glitter)
- Magazines
- Newspapers
- Phone Books
- Paperback Books
- Paper Bags

**Papel y Cartón**
- Correo no Deseado
- Tarjetas de felicitación (sin aluminio o glitter)
- Revistas
- Revistas Periódicas
- Libros de papel
- Libros de tapa blanda
- Bolsas de papel

**Plastics**
- Bottles
- Jugs
- Gallones

**Metal**
- Steel (tin) cans
- Aluminum cans
- Latas de acero (estanco)
- Latas de aluminio

**TRASH IT**
- These materials are now considered contaminants. When in doubt, toss it out, si tienes duda, a la basura.

- Scrap Metal
- Chatarra de metal
- Egg Cartons
- Cartones de huevos
- Shredded Paper
- Papel triturado
- Plastic Cups
- Vasos de Plástico
- Plastic Jars
- Frascos de plástico
- Clamshells & Take Out Trays
- No canastas de plástico o contenedores de comida para llevar

- Aerosol Cans
- Latas de aerosol
- Aluminum Foil
- Papel de Aluminio

**EMPTY, CLEAN, DRY**
VACÍO, LIMPIO, SECO

**PUBLIC WORKS**
ENVIRONMENTAL SERVICES

mcbRecicla.net | mcbRecycles.net
Se habla español | 503.365.3188

There may still be opportunities to recycle some items that can not be placed into the mixed recycling roll cart. Visit mcbRecycleGuide.net to learn of other possible options.

Todavía puede haber oportunidades para reciclar algunos artículos que no pueden colocarse en el bote del reciclaje mixto. Visita mcbRecycleGuide.net para conocer otras opciones posibles.
Incoming Sampling

Garten has an incoming sampling program, to aid us as well as others, to monitor what comes in the back door. We will be sharing what changes we have seen since the communication of the changes of “What goes in the Cart”? We will be focusing on the changes since last October.

Some highlights of the program are as follows:

- Since October we have sampled 360 trucks
- Our average sample size is 233.5 pounds
- We still sort to the standards we did before the changes to the cart
- We sample equal quantities from each hauler.
- A little run down on the process
  - A truck comes in and we identify the truck number
  - The time and day
  - The hauler the truck came from
  - We pull a sample using our loader, weigh it and take it to the sample area.
  - We sort everything in to a category and weigh it
Now we will share some data. The data will be from October to May of this year.
The data you see on this page is an 8 month compilation of incoming sampling. So, let's get going……
Below is 8 months of data, shown in percentages of the sample pulled.

<table>
<thead>
<tr>
<th></th>
<th>HD Nat</th>
<th>HD Color</th>
<th>PETE</th>
<th>MX Plastic</th>
<th>Scrap metal</th>
<th>MRP</th>
<th>Glass</th>
<th>Alum.</th>
<th>Tin</th>
<th>Trash</th>
<th>OCC</th>
<th>ONP</th>
<th>MX Paper</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>October</td>
<td>2.12%</td>
<td>1.54%</td>
<td>2.62%</td>
<td>2.08%</td>
<td>1.22%</td>
<td>1.04%</td>
<td>1.80%</td>
<td>0.52%</td>
<td>3.16%</td>
<td>14.05%</td>
<td>38.99%</td>
<td>0.00%</td>
<td>30.86%</td>
<td>100.00%</td>
</tr>
<tr>
<td>November</td>
<td>2.10%</td>
<td>1.37%</td>
<td>2.73%</td>
<td>1.88%</td>
<td>0.83%</td>
<td>0.72%</td>
<td>1.31%</td>
<td>0.55%</td>
<td>3.35%</td>
<td>11.81%</td>
<td>37.26%</td>
<td>0.00%</td>
<td>36.09%</td>
<td>100.00%</td>
</tr>
<tr>
<td>December</td>
<td>1.76%</td>
<td>0.97%</td>
<td>2.18%</td>
<td>1.64%</td>
<td>1.58%</td>
<td>0.56%</td>
<td>2.50%</td>
<td>0.62%</td>
<td>3.03%</td>
<td>13.28%</td>
<td>37.92%</td>
<td>0.00%</td>
<td>33.96%</td>
<td>100.00%</td>
</tr>
<tr>
<td>January</td>
<td>1.66%</td>
<td>1.13%</td>
<td>2.14%</td>
<td>2.03%</td>
<td>1.33%</td>
<td>0.83%</td>
<td>1.63%</td>
<td>0.42%</td>
<td>2.75%</td>
<td>13.21%</td>
<td>36.00%</td>
<td>0.00%</td>
<td>36.88%</td>
<td>100.00%</td>
</tr>
<tr>
<td>February</td>
<td>2.26%</td>
<td>1.82%</td>
<td>2.46%</td>
<td>2.41%</td>
<td>2.19%</td>
<td>1.04%</td>
<td>1.94%</td>
<td>0.51%</td>
<td>3.09%</td>
<td>13.71%</td>
<td>40.14%</td>
<td>0.00%</td>
<td>28.42%</td>
<td>100.00%</td>
</tr>
<tr>
<td>March</td>
<td>1.78%</td>
<td>1.26%</td>
<td>2.32%</td>
<td>1.67%</td>
<td>0.65%</td>
<td>1.12%</td>
<td>0.74%</td>
<td>0.44%</td>
<td>2.63%</td>
<td>14.25%</td>
<td>43.53%</td>
<td>0.00%</td>
<td>29.61%</td>
<td>100.00%</td>
</tr>
<tr>
<td>April</td>
<td>1.82%</td>
<td>1.10%</td>
<td>1.84%</td>
<td>1.50%</td>
<td>1.80%</td>
<td>1.00%</td>
<td>1.11%</td>
<td>0.34%</td>
<td>3.06%</td>
<td>11.66%</td>
<td>47.80%</td>
<td>0.00%</td>
<td>26.97%</td>
<td>100.00%</td>
</tr>
<tr>
<td>May</td>
<td>2.26%</td>
<td>1.39%</td>
<td>2.84%</td>
<td>1.92%</td>
<td>1.62%</td>
<td>1.34%</td>
<td>1.93%</td>
<td>0.53%</td>
<td>3.99%</td>
<td>11.03%</td>
<td>37.82%</td>
<td>0.00%</td>
<td>33.33%</td>
<td>100.00%</td>
</tr>
</tbody>
</table>
Over the next few slides we will show the data in graph form.

Trash

Trash normally runs about 13%. Since the changes to the cart, the trash number has continued to drop, now settling in May around 11%
We started seeing an improvement in March & April on 3-7 plastics, which we have asked to be removed from the cart, but we had a little uptick in May, overall …. Looks like an improvement.
Incoming Sampling

In looking at the data below, we don’t see the same results we saw on the previous two slides. Both we asked to be taken out of the program. They dropped in March, but have been trending upwards.
Incoming Sampling

- 360 Trucks in the last eight months
- 234 lbs. on average per sample taken

**Last Two Months of Sampling Data**

- HD Nat: 2.04%
- HD Color: 1.25%
- PETE: 2.34%
- MX Plastic: 1.71%
- Scrap metal: 1.71%
- MRP: 1.17%
- Glass: 1.52%
- Alum.: 0.44%
- Tin: 3.53%
- Trash: 11.35%
- OCC: 42.81%
- ONP: 0.00%
- MX Paper: 30.15%

**Six Previous Months of Data**

- HD Nat: 1.95%
- HD Color: 1.35%
- PETE: 2.41%
- MX Plastic: 1.95%
- Scrap metal: 1.30%
- MRP: 0.89%
- Glass: 1.65%
- Alum.: 0.51%
- Tin: 3.00%
- Trash: 13.38%
- OCC: 38.97%
- ONP: 0.00%
- MX Paper: 32.64%