

**EXHIBIT 4-2**  
**ORANGE COUNTY WASTE CHARACTERIZATION STUDY - APRIL 2005**  
**COMPARISON OF RESIDENTIAL WASTE COMPOSITIONS**

Material Components	1995 Composition	2000 Composition	2005 Composition
<b>Paper</b>			
Newspaper/Print	5.3%	4.8%	4.9%
Glossy Magazines	6.1%	4.4%	4.7%
Recyclable Corrugated Cardboard	4.5%	4.7%	2.4%
Non-Recyclable Cardboard	N/A	1.2%	0.7%
Phone Books	N/A	0.3%	0.2%
Paperboard	N/A	5.1%	3.6%
Other Books	N/A	0.4%	<0.1%
White Ledger	N/A	2.0%	1.9%
Mixed Office Paper	1.7%	4.5%	3.3%
Other Paper (includes hardback books)	24.6%	9.0%	13.1%
<b>Total Paper</b>	<b>42.2%</b>	<b>36.5%</b>	<b>34.9%</b>
<b>Plastics</b>			
All Plastic Bottles	2.6%	2.9%	2.4%
Film	4.3%	5.7%	5.6%
All Cups & Tubs	0.7%	2.7%	1.0%
All Other Plastic (includes styrofoam)	4.4%	4.6%	5.9%
<b>Total Plastics</b>	<b>12.0%</b>	<b>15.9%</b>	<b>14.9%</b>
<b>Organics</b>			
Food Waste	11.2%	17.8%	22.2%
Textiles/Leather	3.3%	5.4%	5.1%
Diapers	3.5%	3.5%	4.4%
Other Organics (includes rubber)	8.3%	4.6%	1.3%
<b>Total Organics</b>	<b>26.3%</b>	<b>31.3%</b>	<b>33.0%</b>
<b>Ferrous Metal</b>			
Food Containers/Bi-Metal	2.7%	1.8%	1.4%
Aerosols	N/A	0.4%	0.4%
Other Ferrous	2.9%	2.0%	1.3%
<b>Total Ferrous Metal</b>	<b>5.6%</b>	<b>4.2%</b>	<b>3.1%</b>
<b>Non Ferrous Metal</b>			
Aluminum Cans	0.8%	1.0%	0.7%
Aluminum Foil	N/A	0.9%	0.7%
Other Non-Ferrous	N/A	0.2%	<0.1%
<b>Total Non Ferrous Metal</b>	<b>0.8%</b>	<b>2.1%</b>	<b>1.4%</b>
<b>Glass</b>			
All Bottles & Jars	5.8%	4.3%	4.3%
Other Glass	0.5%	0.8%	0.2%
<b>Total Glass</b>	<b>6.3%</b>	<b>5.1%</b>	<b>4.5%</b>
<b>Wood</b>			
Pallets	N/A	0.2%	<0.1%
Lumber	1.9%	1.3%	2.3%
Painted/Treated	1.1%	<0.1%	<0.1%
Stumps/Heavy Sections	N/A	<0.1%	<0.1%
<b>Total Wood</b>	<b>3.0%</b>	<b>1.5%</b>	<b>2.4%</b>
<b>Inert</b>			
Brick, concrete, dirt, asphalt, etc.	2.6%	0.7%	2.2%
<b>Yard Waste</b>			
(includes grass, leaves, small branches)	1.0%	0.9%	1.8%
<b>Special Waste</b>			
Lead-Acid Batteries	N/A	<0.1%	<0.1%
Dry Cell Batteries	N/A	0.2%	0.2%
Oil Filters	N/A	<0.1%	<0.1%
Other Hazardous Waste	0.3%	0.6%	0.4%
Infectious Waste	<0.1%	NA	<0.1%
Reusable Waste	N/A	<0.1%	<0.1%
<b>Total</b>	<b>0.3%</b>	<b>0.9%</b>	<b>0.6%</b>
<b>Total Special Waste</b>	<b>0.3%</b>	<b>0.9%</b>	<b>0.6%</b>
<b>Brown Goods</b>			
Electronic Goods	N/A	0.9%	1.4%
<b>TOTALS</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>