

**EXHIBIT 3-6**  
**ORANGE COUNTY WASTE CHARACTERIZATION STUDY - APRIL 2005**  
**TOWN OF CARRBORO WASTE COMPOSITION**

Material Components	Mean Composition	Standard Deviation	95% Confidence Limits	
			Lower	Upper
<b>Paper</b>				
Newspaper/Print	2.3%	1.6%	1.3%	3.4%
Glossy Magazines	3.7%	2.8%	1.9%	5.5%
Recyclable Corrugated Cardboard	2.5%	2.0%	1.2%	3.8%
Non-Recyclable Cardboard	0.4%	0.7%	<0.1%	0.9%
Phone Books	0.3%	0.9%	<0.1%	0.9%
Paperboard	3.5%	1.5%	2.5%	4.5%
Other Books	<0.1%	0.0%	<0.1%	0.0%
White Ledger	1.9%	2.1%	0.6%	3.3%
Mixed Office Paper	2.1%	2.0%	0.7%	3.4%
Other Paper (includes hardback books)	11.2%	4.7%	8.1%	14.2%
<b>Total Paper</b>	<b>28.0%</b>			
<b>Plastics</b>				
All Plastic Bottles	3.0%	4.2%	0.3%	5.8%
Film	5.1%	2.8%	3.2%	6.9%
All Cups & Tubs	1.0%	0.5%	0.7%	1.4%
All Other Plastic (includes styrofoam)	5.7%	3.0%	3.8%	7.7%
<b>Total Plastics</b>	<b>14.9%</b>			
<b>Organics</b>				
Food Waste	21.9%	10.9%	14.7%	29.0%
Textiles/Leather	5.9%	5.1%	2.6%	9.3%
Diapers	3.9%	2.5%	2.3%	5.6%
Other Organics (includes rubber)	3.5%	5.9%	<0.1%	7.4%
<b>Total Organics</b>	<b>35.2%</b>			
<b>Ferrous Metal</b>				
Food Containers/Bi-Metal	0.9%	0.5%	0.6%	1.3%
Aerosols	0.2%	0.3%	<0.1%	0.4%
Other Ferrous	1.9%	2.7%	0.2%	3.7%
<b>Total Ferrous Metal</b>	<b>3.1%</b>			
<b>Non Ferrous Metal</b>				
Aluminum Cans	0.6%	0.3%	0.3%	0.8%
Aluminum Foil	0.5%	0.4%	0.2%	0.8%
Other Non-Ferrous	<0.1%	0.1%	<0.1%	0.1%
<b>Total Non Ferrous Metal</b>	<b>1.1%</b>			
<b>Glass</b>				
All Bottles & Jars	4.1%	4.4%	1.3%	7.0%
Other Glass	1.4%	2.5%	<0.1%	3.1%
<b>Total Glass</b>	<b>5.6%</b>			
<b>Wood</b>				
Pallets	<0.1%	0.0%	<0.1%	0.0%
Lumber	4.7%	10.0%	<0.1%	11.2%
Painted/Treated	<0.1%	0.0%	<0.1%	0.0%
Stumps/Heavy Sections	<0.1%	0.0%	<0.1%	0.0%
<b>Total Wood</b>	<b>4.7%</b>			
<b>Inert</b>				
Brick, concrete, dirt, asphalt, etc.	3.6%	2.9%	1.7%	5.5%
<b>Yard Waste</b>				
(includes grass, leaves, small branches)	2.1%	4.1%	<0.1%	4.8%
<b>Special Waste</b>				
Lead-Acid Batteries	<0.1%	0.0%	<0.1%	0.0%
Dry Cell Batteries	0.1%	0.1%	<0.1%	0.2%
Oil Filters	<0.1%	0.0%	<0.1%	0.0%
Other Hazardous Waste	0.4%	0.9%	<0.1%	1.0%
Infectious Waste	<0.1%	0.0%	<0.1%	0.0%
Reusable Waste	<0.1%	0.0%	<0.1%	0.0%
<b>Total Special Waste</b>	<b>0.5%</b>			
<b>Brown Goods</b>				
Electronic Goods	1.3%	2.0%	<0.1%	2.5%
<b>TOTALS</b>	<b>100.0%</b>			

Notes: 1. Composition based on 9 samples.