

**EXHIBIT A-9**  
**ORANGE COUNTY WASTE CHARACTERIZATION STUDY - APRIL 2010**  
**SUMMARY BY GEOGRAPHIC AREA**

Material Components	Orange County	Chapel Hill	Carrboro	Hillsborough	UNC
<b>Paper</b>					
Newspaper/Print	2.7%	1.7%	2.1%	1.7%	2.8%
Glossy Magazines	1.2%	1.5%	0.9%	0.8%	2.2%
Recyclable Corrugated Cardboard	1.6%	2.3%	1.5%	3.8%	1.7%
Non-Recyclable Cardboard	0.3%	0.5%	0.2%	0.4%	<0.1%
Phone Books	0.3%	<0.1%	0.1%	<0.1%	<0.1%
Paperboard	2.9%	2.6%	2.3%	1.9%	2.1%
Other Books	0.5%	<0.1%	0.3%	<0.1%	0.9%
White Ledger	0.8%	1.4%	0.6%	0.7%	1.0%
Mixed Office Paper	3.4%	3.3%	2.2%	4.5%	1.9%
Other Paper (includes hardback books)	10.7%	9.4%	12.8%	11.5%	23.2%
<b>Total Paper</b>	<b>24.4%</b>	<b>22.7%</b>	<b>23.2%</b>	<b>25.2%</b>	<b>35.9%</b>
<b>Plastics</b>					
All Plastic Bottles	3.1%	2.5%	2.3%	3.0%	2.0%
Film	8.8%	7.6%	8.8%	8.3%	10.4%
All Cups & Tubs	1.8%	3.2%	1.7%	0.6%	2.1%
All Other Plastic (includes styrofoam)	6.7%	5.3%	6.1%	3.1%	5.8%
<b>Total Plastics</b>	<b>20.4%</b>	<b>18.6%</b>	<b>18.9%</b>	<b>15.0%</b>	<b>20.2%</b>
<b>Organics</b>					
Food Waste	16.7%	26.0%	21.2%	22.2%	32.4%
Textiles/Leather	5.6%	6.4%	4.5%	2.6%	2.3%
Diapers	4.4%	3.9%	5.8%	4.7%	<0.1%
Other Organics (includes rubber)	4.9%	4.1%	5.4%	0.9%	0.5%
<b>Total Organics</b>	<b>31.6%</b>	<b>40.3%</b>	<b>37.0%</b>	<b>30.4%</b>	<b>35.1%</b>
<b>Ferrous Metal</b>					
Food Containers/Bi-Metal	1.2%	0.8%	1.4%	0.6%	0.5%
Aerosols	0.5%	0.3%	0.2%	0.2%	<0.1%
Other Ferrous	1.4%	1.2%	2.0%	0.7%	1.0%
<b>Total Ferrous Metal</b>	<b>3.1%</b>	<b>2.3%</b>	<b>3.6%</b>	<b>1.5%</b>	<b>1.6%</b>
<b>Non Ferrous Metal</b>					
Aluminum Cans	1.1%	0.7%	0.9%	0.3%	0.6%
Aluminum Foil	0.6%	0.6%	0.6%	1.9%	0.2%
Other Non-Ferrous	0.9%	0.4%	1.4%	1.0%	<0.1%
<b>Total Non Ferrous Metal</b>	<b>2.5%</b>	<b>1.7%</b>	<b>2.8%</b>	<b>3.1%</b>	<b>0.8%</b>
<b>Glass</b>					
All Bottles & Jars	4.6%	3.8%	4.1%	1.1%	1.0%
Other Glass	0.3%	<0.1%	<0.1%	<0.1%	1.4%
<b>Total Glass</b>	<b>4.9%</b>	<b>3.9%</b>	<b>4.1%</b>	<b>1.1%</b>	<b>2.3%</b>
<b>Wood</b>					
Pallets	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%
Lumber	3.3%	2.1%	1.4%	<0.1%	0.2%
Painted/Treated	1.8%	2.2%	0.7%	0.2%	<0.1%
Stumps/Heavy Sections	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%
<b>Total Wood</b>	<b>5.2%</b>	<b>4.3%</b>	<b>2.1%</b>	<b>0.3%</b>	<b>0.2%</b>
<b>Inert</b>					
Brick, concrete, dirt, asphalt, etc.	3.1%	1.7%	4.1%	4.4%	1.0%
<b>Yard Waste</b>					
(includes grass, leaves, small branches)	3.1%	2.5%	1.8%	8.0%	0.4%
<b>Special Waste</b>					
Lead-Acid Batteries	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%
Dry Cell Batteries	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%
Oil Filters	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%
Other Hazardous Waste	<0.1%	<0.1%	<0.1%	<0.1%	<0.1%
Infectious Waste	<0.1%	0.5%	<0.1%	10.6%	<0.1%
Reusable Waste	<0.1%	0.1%	0.3%	<0.1%	1.5%
<b>Total</b>	<b>0.1%</b>	<b>0.6%</b>	<b>0.4%</b>	<b>10.7%</b>	<b>1.5%</b>
<b>Brown Goods</b>					
Electronic Goods	1.5%	1.3%	1.8%	0.3%	0.8%
<b>TOTALS</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>