

**EXHIBIT A-2**  
**ORANGE COUNTY WASTE CHARACTERIZATION STUDY - APRIL 2010**  
**RESIDENTIAL WASTE COMPOSITION**

Material Components	Mean Composition	Standard Deviation	95% Confidence Limits	
			Lower	Upper
<b>Paper</b>				
Newspaper/Print	1.4%	1.1%	1.0%	1.8%
Glossy Magazines	1.7%	1.7%	1.0%	2.3%
Recyclable Corrugated Cardboard	1.8%	1.8%	1.1%	2.5%
Non-Recyclable Cardboard	0.3%	0.4%	0.1%	0.5%
Phone Books	0.2%	0.8%	<0.1%	0.5%
Paperboard	2.8%	1.3%	2.3%	3.3%
Other Books	0.3%	0.6%	<0.1%	0.5%
White Ledger	0.8%	0.7%	0.5%	1.0%
Mixed Office Paper	4.0%	2.5%	3.0%	4.9%
Other Paper (includes hardback books)	9.2%	5.2%	7.3%	11.2%
<b>Total Paper</b>	<b>22.4%</b>	<b>16.1%</b>		
<b>Plastics</b>				
All Plastic Bottles	2.2%	1.8%	1.5%	2.9%
Film	7.9%	3.3%	6.7%	9.2%
All Cups & Tubs	2.6%	2.9%	1.5%	3.6%
All Other Plastic (includes styrofoam)	5.6%	3.3%	4.4%	6.9%
<b>Total Plastics</b>	<b>18.3%</b>	<b>11.3%</b>		
<b>Organics</b>				
Food Waste	20.9%	13.7%	15.7%	26.1%
Textiles/Leather	6.3%	6.1%	4.0%	8.6%
Diapers	5.2%	3.7%	3.8%	6.6%
Other Organics (includes rubber)	4.7%	3.6%	3.4%	6.1%
<b>Total Organics</b>	<b>37.1%</b>	<b>27.1%</b>		
<b>Ferrous Metal</b>				
Food Containers/Bi-Metal	1.1%	0.9%	0.8%	1.4%
Aerosols	0.5%	0.7%	0.2%	0.7%
Other Ferrous	2.0%	2.5%	1.0%	2.9%
<b>Total Ferrous Metal</b>	<b>3.5%</b>	<b>4.0%</b>		
<b>Non Ferrous Metal</b>				
Aluminum Cans	0.7%	0.7%	0.4%	0.9%
Aluminum Foil	0.7%	0.7%	0.4%	0.9%
Other Non-Ferrous	0.7%	0.8%	0.4%	1.0%
<b>Total Non Ferrous Metal</b>	<b>2.1%</b>	<b>2.2%</b>		
<b>Glass</b>				
All Bottles & Jars	3.4%	3.6%	2.1%	4.8%
Other Glass	0.2%	0.4%	<0.1%	0.4%
<b>Total Glass</b>	<b>3.7%</b>	<b>4.0%</b>		
<b>Wood</b>				
Pallets	<0.1%	<0.1%	<0.1%	<0.1%
Lumber	2.8%	5.2%	0.9%	4.8%
Painted/Treated	2.7%	5.5%	0.6%	4.8%
Stumps/Heavy Sections	<0.1%	<0.1%	<0.1%	<0.1%
<b>Total Wood</b>	<b>5.5%</b>	<b>10.7%</b>		
<b>Inert</b>				
Brick, concrete, dirt, asphalt, etc.	3.0%	3.1%	1.8%	4.2%
<b>Yard Waste</b>				
(includes grass, leaves, small branches)	2.6%	3.9%	1.1%	4.1%
<b>Special Waste</b>				
Lead-Acid Batteries	<0.1%	<0.1%	<0.1%	<0.1%
Dry Cell Batteries	<0.1%	<0.1%	<0.1%	<0.1%
Oil Filters	<0.1%	<0.1%	<0.1%	<0.1%
Other Hazardous Waste	<0.1%	<0.1%	<0.1%	<0.1%
Infectious Waste	0.4%	1.1%	<0.1%	0.8%
Reusable Waste	<0.1%	<0.1%	<0.1%	<0.1%
<b>Total Special Waste</b>	<b>0.4%</b>	<b>1.2%</b>		
<b>Brown Goods</b>				
Electronic Goods	1.4%	1.5%	0.8%	2.0%
<b>TOTALS</b>	<b>100.0%</b>			

Notes: 1. Composition based on 27 samples.