

EXHIBIT 3.5
ORANGE COUNTY WASTE CHARACTERIZATION STUDY - APRIL 2005
CHAPEL HILL WASTE COMPOSITION

Material Components	Mean Composition	Standard Deviation	95% Confidence Limits	
			Lower	Upper
Paper				
Newspaper/Print	4.5%	3.9%	2.8%	6.2%
Glossy Magazines	4.3%	3.2%	2.9%	5.6%
Recyclable Corrugated Cardboard	2.8%	2.1%	1.9%	3.7%
Non-Recyclable Cardboard	1.0%	2.0%	0.1%	1.9%
Phone Books	0.1%	0.4%	<0.1%	0.3%
Paperboard	3.1%	1.7%	2.3%	3.8%
Other Books	0.2%	0.9%	<0.1%	0.6%
White Ledger	1.6%	1.6%	0.9%	2.3%
Mixed Office Paper	3.6%	2.9%	2.3%	4.9%
Other Paper (includes hardback books)	13.6%	5.5%	11.1%	16.0%
Total Paper	34.7%			
Plastics				
All Plastic Bottles	2.7%	1.9%	1.8%	3.5%
Film	5.6%	2.0%	4.7%	6.5%
All Cups & Tubs	1.9%	3.9%	0.2%	3.6%
All Other Plastic (includes styrofoam)	4.6%	1.5%	3.9%	5.2%
Total Plastics	14.7%			
Organics				
Food Waste	27.5%	13.5%	21.5%	33.4%
Textiles/Leather	4.0%	3.5%	2.5%	5.6%
Diapers	3.1%	4.7%	1.0%	5.2%
Other Organics (includes rubber)	0.9%	0.9%	0.5%	1.2%
Total Organics	35.4%			
Ferrous Metal				
Food Containers/Bi-Metal	1.0%	0.6%	0.8%	1.3%
Aerosols	0.3%	0.3%	0.1%	0.4%
Other Ferrous	1.0%	1.2%	0.5%	1.5%
Total Ferrous Metal	2.3%			
Non Ferrous Metal				
Aluminum Cans	0.7%	0.4%	0.5%	0.9%
Aluminum Foil	0.6%	0.3%	0.5%	0.8%
Other Non-Ferrous	0.3%	1.2%	<0.1%	0.8%
Total Non Ferrous Metal	1.6%			
Glass				
All Bottles & Jars	5.3%	11.3%	0.3%	10.2%
Other Glass	0.3%	0.6%	<0.1%	0.6%
Total Glass	5.6%			
Wood				
Pallets	<0.1%	0.0%	<0.1%	0.0%
Lumber	1.0%	1.4%	0.4%	1.6%
Painted/Treated	<0.1%	0.0%	<0.1%	0.0%
Stumps/Heavy Sections	<0.1%	0.0%	<0.1%	0.0%
Total Wood	1.0%			
Inert				
Brick, concrete, dirt, asphalt, etc.	1.6%	2.3%	0.6%	2.6%
Yard Waste				
(includes grass, leaves, small branches)	1.3%	2.6%	0.2%	2.5%
Special Waste				
Lead-Acid Batteries	<0.1%	0.0%	<0.1%	0.0%
Dry Cell Batteries	<0.1%	0.1%	<0.1%	0.1%
Oil Filters	<0.1%	0.0%	<0.1%	0.0%
Other Hazardous Waste	0.4%	1.4%	<0.1%	1.1%
Infectious Waste	0.4%	1.8%	<0.1%	1.2%
Reusable Waste	<0.1%	0.0%	<0.1%	0.0%
Total Special Waste	0.9%			
Brown Goods				
Electronic Goods	0.8%	0.7%	0.4%	1.1%
TOTALS	100.0%			

Notes: 1. Composition based on 20 samples.