

EXHIBIT 3-3
ORANGE COUNTY WASTE CHARACTERIZATION STUDY - APRIL 2005
MULTI-FAMILY WASTE COMPOSITION

Material Components	Mean Composition	Standard Deviation	95% Confidence Limits	
			Lower	Upper
Paper				
Newspaper/Print	2.9%	2.0%	1.3%	4.5%
Glossy Magazines	3.8%	2.2%	2.1%	5.6%
Recyclable Corrugated Cardboard	1.6%	1.2%	0.7%	2.6%
Non-Recyclable Cardboard	0.9%	1.7%	<0.1%	2.3%
Phone Books	0.4%	0.7%	<0.1%	1.0%
Paperboard	3.7%	2.0%	2.1%	5.2%
Other Books	0.7%	1.6%	<0.1%	1.9%
White Ledger	2.7%	3.9%	<0.1%	5.8%
Mixed Office Paper	5.2%	3.8%	2.2%	8.3%
Other Paper (includes hardback books)	10.4%	4.4%	6.8%	13.9%
Total Paper	32.3%			
Plastics				
All Plastic Bottles	3.1%	1.8%	1.6%	4.5%
Film	5.7%	2.8%	3.5%	7.9%
All Cups & Tubs	1.0%	0.3%	0.8%	1.3%
All Other Plastic (includes styrofoam)	3.5%	1.6%	2.2%	4.8%
Total Plastics	13.3%			
Organics				
Food Waste	24.5%	8.7%	17.6%	31.5%
Textiles/Leather	8.8%	5.5%	4.4%	13.1%
Diapers	2.2%	1.3%	1.1%	3.2%
Other Organics (includes rubber)	0.3%	0.4%	<0.1%	0.6%
Total Organics	35.7%			
Ferrous Metal				
Food Containers/Bi-Metal	1.2%	0.4%	0.9%	1.5%
Aerosols	0.1%	0.2%	<0.1%	0.3%
Other Ferrous	0.3%	0.3%	<0.1%	0.5%
Total Ferrous Metal	1.6%			
Non Ferrous Metal				
Aluminum Cans	0.7%	0.3%	0.5%	0.9%
Aluminum Foil	0.6%	0.2%	0.5%	0.8%
Other Non-Ferrous	0.4%	1.0%	<0.1%	1.3%
Total Non Ferrous Metal	1.8%			
Glass				
All Bottles & Jars	8.2%	4.6%	4.6%	11.9%
Other Glass	0.4%	0.3%	0.1%	0.6%
Total Glass	8.6%			
Wood				
Pallets	<0.1%	0.0%	<0.1%	0.0%
Lumber	0.2%	0.3%	<0.1%	0.5%
Painted/Treated	<0.1%	0.0%	<0.1%	0.0%
Stumps/Heavy Sections	<0.1%	0.0%	<0.1%	0.0%
Total Wood	0.2%			
Inert				
Brick, concrete, dirt, asphalt, etc.	2.2%	3.6%	<0.1%	5.1%
Yard Waste				
(includes grass, leaves, small branches)	2.3%	5.2%	<0.1%	6.4%
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	1.0%	2.5%	<0.1%	3.1%
Infectious Waste	<0.1%	0.0%	<0.1%	0.0%
Reusable Waste	<0.1%	0.0%	<0.1%	0.0%
Total Special Waste	1.1%			
Brown Goods				
Electronic Goods	0.8%	0.9%	<0.1%	1.4%
TOTALS	100.0%			

Notes: 1. Composition based on 6 samples.