

**ATTACHMENT A**

**A RESOLUTION RECEIVING THE REPORT ON WASTE REDUCTION AND  
RECYCLING STRATEGIES  
Resolution No. 202/2006-07**

WHEREAS, the town staff provided a report on waste reduction and recycling strategies for waste in the Town of Carrboro.

NOW, THEREFORE, BE IT RESOLVED by the Carrboro Board of Aldermen that the Board receives the report.

<b>Comparison of Revenues with Similar PAYT Towns</b>
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## Town of Carrboro (18,000 pop.)

Category	% of Revenue
Property Taxes	54%
Local Sales Tax	18%
Other taxes/license	3%
Unrestric Intergovt	3%
Restr Govt	3%
Fees and Permits	5%
Sales and Svcs	2%
Interest Earnings	0.5%
Other Revenue	0.5%
Other Financing Sou	8%
Fund Balance	3%

## City of Eden (16,000 pop.)

Category	% of Revenue
Property Taxes	30%
Local Sales Tax	20%
Other Taxes/License	10%
Unrestric Intergovt	6%
Restr Govt	6%
Fees and Permit	1%
Sales and Svcs*	9%
Interest Earnings	3%
Other Revenue	1%
Other Financing Sou	0%
Fund Balance	14%

## Town of Havelock (22,000 pop.)

Category	% of Revenue
Property Taxes	34%
Local Sales Tax	17%
Other Taxes/License	6%
Unrestric Intergovt	11%
Restr Govt	18%
Fees and Permit	2%
Sales and Svcs*	8%
Interest Earnings	1%
Other Revenue	1%
Other Financing Sou	0%
Fund Balance	2%

## Town of New Bern (24,000 pop.)

Category	% of Revenue
Property Taxes	42%
Local Sales Tax	22%
Other Taxes/License	1%
Unrestric Intergovt	1%
Restr Govt	6%
Fees and Permit	3%
Sales and Svcs*	14%
Interest Earnings	1%
Other Revenue	2%
Other Financing Sou	6%
Fund Balance	2%

\* Denotes PAYT included

**Comparison of PAYT Revenue and Solid Waste Operations**

## City of Eden

Cost of Solid Waste Program	\$1,643,600
PAYT Fees Revenue	\$1,098,700

## City of Havelock

Solid Waste Program	\$352,988
PAYT Fees Revenue	\$ 36,750

## City of New Bern

Solid Waste Program	\$1,737,015
PAYT Fees Revenue	\$1,324,000

**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.

**EXHIBIT 3-2**  
**ORANGE COUNTY WASTE CHARACTERIZATION STUDY - APRIL 2005**  
**RESIDENTIAL WASTE COMPOSITION**

Material Components	Mean Composition	Standard Deviation	95% Confidence Limits	
			Lower	Upper
<b>Paper</b>				
Newspaper/Print	4.9%	3.7%	3.5%	6.3%
Glossy Magazines	4.7%	3.0%	3.6%	5.9%
Recyclable Corrugated Cardboard	2.4%	1.6%	1.7%	3.0%
Non-Recyclable Cardboard	0.7%	1.7%	0.1%	1.4%
Phone Books	0.2%	0.6%	<0.1%	0.4%
Paperboard	3.6%	1.5%	3.0%	4.2%
Other Books	<0.1%	0.0%	<0.1%	0.0%
White Ledger	1.9%	1.6%	1.2%	2.5%
Mixed Office Paper	3.3%	1.9%	2.5%	4.0%
Other Paper (includes hardback books)	13.1%	3.5%	11.8%	14.4%
<b>Total Paper</b>	<b>34.9%</b>			
<b>Plastics</b>				
All Plastic Bottles	2.4%	1.4%	1.9%	3.0%
Film	5.6%	2.1%	4.8%	6.4%
All Cups & Tubs	1.0%	0.5%	0.8%	1.2%
All Other Plastic (includes styrofoam)	5.9%	3.0%	4.8%	7.0%
<b>Total Plastics</b>	<b>14.9%</b>			
<b>Organics</b>				
Food Waste	22.2%	5.6%	20.1%	24.4%
Textiles/Leather	5.1%	3.1%	3.9%	6.3%
Diapers	4.4%	4.4%	2.6%	6.1%
Other Organics (includes rubber)	1.3%	1.5%	0.8%	1.9%
<b>Total Organics</b>	<b>33.0%</b>			
<b>Ferrous Metal</b>				
Food Containers/Bi-Metal	1.4%	0.9%	1.1%	1.7%
Aerosols	0.4%	0.3%	0.3%	0.5%
Other Ferrous	1.3%	1.1%	0.8%	1.7%
<b>Total Ferrous Metal</b>	<b>3.1%</b>			
<b>Non Ferrous Metal</b>				
Aluminum Cans	0.7%	0.4%	0.5%	0.9%
Aluminum Foil	0.7%	0.4%	0.5%	0.8%
Other Non-Ferrous	<0.1%	0.1%	<0.1%	0.0%
<b>Total Non Ferrous Metal</b>	<b>1.4%</b>			
<b>Glass</b>				
All Bottles & Jars	4.3%	5.9%	2.0%	6.5%
Other Glass	0.2%	0.3%	0.1%	0.4%
<b>Total Glass</b>	<b>4.5%</b>			
<b>Wood</b>				
Pallets	<0.1%	0.0%	<0.1%	0.0%
Lumber	2.3%	6.0%	<0.1%	4.6%
Painted/Treated	<0.1%	0.3%	<0.1%	0.2%
Stumps/Heavy Sections	<0.1%	0.0%	<0.1%	0.0%
<b>Total Wood</b>	<b>2.4%</b>			
<b>Inert</b>				
Brick, concrete, dirt, asphalt, etc.	2.2%	2.5%	1.2%	3.1%
<b>Yard Waste</b>				
(includes grass, leaves, small branches)	1.8%	2.7%	0.7%	2.8%
<b>Special Waste</b>				
Lead-Acid Batteries	<0.1%	0.0%	<0.1%	0.0%
Dry Cell Batteries	0.2%	0.2%	<0.1%	0.2%
Oil Filters	<0.1%	0.2%	<0.1%	0.1%
Other Hazardous Waste	0.4%	0.8%	<0.1%	0.7%
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>0.6%</b>			
<b>Brown Goods</b>				
Electronic Goods	1.4%	1.4%	0.8%	2.0%
<b>TOTALS</b>	<b>100.0%</b>			

Notes: 1. Composition based on 26 samples.