



### **Appendix C**

<b>Construction Debris Generation</b>		
Total Building Size	77,000	s.f.
Debris Generation	3.89	lbs/s.f.
Estimated Construction Debris	299,530	lbs
LEED Requirements	50	% Diversion
Goal of Construction Debris to be	149,765	lbs to be diverted
<u>Construction Debris</u>	<u>Generation Rates</u>	<u>Recyclable Material</u>
Concrete	50%	74,883 lbs
Wood	25%	37,441 lbs
Drywall	10%	14,977 lbs



**Recycling Economics Worksheet - Sample**

**Commercial Hauler**

**Cost of Recycling**

Material	Tons or Yards	Tip Fee	Subtotal 1	# Loads	Hauling Fee	Subtotal 2	# of months	Container Rental	Subtotal 3	Total Cost
Concrete	38	\$ 50.00	\$ 1,900.00	13	\$ 50.00	\$ 650.00	13	\$ 30	\$ 390.00	\$ 2,290.00
Wood	19	\$ 30.00	\$ 570.00	4	\$ 50.00	\$ 200.00	4	\$ 30	\$ 120.00	\$ 890.00
Drywall	8	\$ 45.00	\$ 360.00	5	\$ 37.50	\$ 187.50	5	\$ 30.00	\$ 150.00	\$ 697.50
			\$ -			\$ -			\$ -	\$ -
			\$ -			\$ -			\$ -	\$ -
			\$ -			\$ -			\$ -	\$ -
			\$ -			\$ -			\$ -	\$ -
<b>Totals</b>			\$ 2,830.00			\$ 1,037.50			\$ 660.00	\$ 3,877.50

**Cost of Not Recycling**

Material	Tons or Yards	Tip Fee	Subtotal 1	# Loads	Hauling Fee	Subtotal 2	# of Months	Container Rental	Subtotal 3	Total Cost
Construction Debris	65	\$ 70.00	\$ 4,550.00	22	\$ 55.00	\$ 1,210.00	\$ 22	\$ 30.00	\$ 660.00	\$ 6,420.00

**Savings or Cost of Recycling**

Cost of Not Recycling	Cost of Recycling	Total Savings
\$ 6,420.00	\$ 3,877.50	\$ 2,542.50