

12-Nov-06

**HARVARD UNIVERSITY  
 MEASURING THE IMPACT OF C&D RECYLING ON UNIVERSITY PROJECTS  
 THROUGH OCTOBER 2006**

**CONSTRUCTION & DEMOLITION RECYCLING**

**ENVIRONMENTAL IMPACT**

PROJECT NAME	PROJECT TYPE	SALVAGED/ RECYCLED (7)	DISPOSED	RECYCLING RATE (%)	MTCE (3)	MTCO2 (4)	ENERGY SAVINGS (5)	OIL EQUIV BARRELS	GAS EQUIV GALLONS
Blackstone UOS	Renovation	1,787.09	10.39	99.42	222	814	8,546	1,474	68,949
38,000 sf, 3/05-2/06									
Banks Cowperthwaite	New Construction	2,652.05	55.76	97.94	139	510	2,668	460	21,467
136,000 sf, 9/05 -									
10 Akron Street	New Construction	1,543.77	12.29	99.21	56	205.3	1,386	239	11,183
136,000 sf, 11/05 -									
HBS Hamilton Hall	Renovation	1,833.00	54.23	97.12	92	337.2	3,151	544	25,415
40,000 sf, 6/05 - 5/06									
90 Mount Auburn Street	New Construction	1,293.35	47.898	96.43	162	594	1,139	196	9,186
18,000sf, 6/03 -3/06									
Radcliffe Murray Center	Renovation	471.095	38.895	92.37	39	143	1,202	207	9,692
25,000 sf, 6/05 - 6/06									
Loeb House	Renovation	441.86	40.92	91.52	74	271	1,168	201	9,420
8,000 sf, 6/05 - 9/05									
Dunster Mather Serveries (1)	Renovation	659.214	31.63	95.42	101	370	4,114	709	32,565
8,000 sf, 5/05 - 9/05									
Quincy House Servery (1)	Renovation	256.293	20.71	92.52	14	51.34	456	79	3,677
6,000 sf 6/04 - 8/04									
Radcliffe, Schlesinger Library (1)	Renovation	2,751.32	25.65	99.1	512	1877	18,000	3,103	148,327
25,000 sf, 2004									
HBS Wyss Hall	Renovation	127.043	4.94	96.26	18	66	506	87	4,081
4,000 sf, 1-06 -									
Loker Commons Pub	Renovation								
10,000 sf, 8-06									
<b>TOTALS</b>		<b>13816.086</b>	<b>343.313</b>	<b>96.19%</b>	<b>1429</b>	<b>5238.84</b>	<b>42,336</b>	<b>7,299</b>	<b>343,962</b>

**EXPLANATORY NOTES:**

(1) Project Completed 2004

(3) Metric Tons Carbon Equivalent is the EPA's standard for Greenhouse Gas Emissions

(4) Metric Tons Carbon Dioxide is an alternate measurement for Greenhouse Gas Emmissions (MTCO2 = MTCE X 44/12)

(5) Energy Savings measured in million btu's (MBTU)

(6) Average recycling rate of the eleven projects supplying data.

(7) Salvaged, Recycled, and Disposed measured in tons