



## Brico Fund

CG Schmidt / Barton Malow

Columbia St. Mary's- East Campus

June 2008 through October 2008 Recycling Report

December 2008

WasteCap Wisconsin collected records from haulers to document the weight of trash, reusable and recyclable materials removed from the project site; and created summaries from these records to report the quantity of each material recycled and reused.

In this report, the documentation of this project consists of the following accounts:

1. TABLE 1- Main Hospital Building (T)
2. TABLE 2- CG Schmidt Construction (T)
3. TABLE 3- CG Schmidt CUP (T)
4. TABLE 4- Seton Tower Demolition
5. TABLE 5- TOTAL of ALL Accounts Above

This report also includes all haul information from the start of the project including:

6. TABLE 6 All Hauls including Building Demolition (Northpoint, Seton Tower & Parking Deck)
7. TABLE 7 All Hauls EXCLUDING Building Demolition

<b>Table 1- Main Hospital</b> Account 142941 <b>June 2008 through Oct 2008 Recycling Results</b>				
	<b>Trash</b>		<b>Recycling and Reuse</b>	
<b>Material</b>	<b>Volume</b> (Cubic yards)	<b>Weight</b> (Tons)	<b>Volume</b> (Cubic yards)	<b>Weight</b> (Tons)
City Wide Recycling	519.2	64.99	1,927.8	229.09
Metal	-	-	20	7.89
<b>Total</b>	<b>519.2</b>	<b>64.99</b>	<b>1,947.8</b>	<b>236.98</b>
<b>Recycling Rate by Weight: 78%</b>				
<b>Recycling Rate by Volume: 79%</b>				

<b>Table 2- CG Schmidt Construction (T)</b> <b>June 2008 through Oct 2008 Recycling Results</b>				
	<b>Trash</b>		<b>Recycling and Reuse</b>	
<b>Material</b>	<b>Volume</b> (Cubic yards)	<b>Weight</b> (Tons)	<b>Volume</b> (Cubic yards)	<b>Weight</b> (Tons)
City Wide Recycling	328.7	46.06	1,251.3	174.58
Concrete	-	-	64	47.31
Metal	-	-	212	52.72
Trash	50	3.4	-	-
<b>Total</b>	<b>378.7</b>	<b>49.46</b>	<b>1,527.3</b>	<b>274.61</b>
<b>Recycling Rate by Weight: 85%</b>				
<b>Recycling Rate by Volume: 80%</b>				



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**Table 3- CS Schmidt CUP (T) Account 139747**  
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Material	Trash		Recycling and Reuse	
	Volume (Cubic yards)	Weight (Tons)	Volume (Cubic yards)	Weight (Tons)
City Wide Recycling	25	2.65	75	8.89
<b>Total</b>	<b>25</b>	<b>2.65</b>	<b>79</b>	<b>8.89</b>
Recycling Rate by Weight: 77%				
Recycling Rate by Volume: 75%				

**Table 4- Seton Tower Demolition Recycling Results**

Material	Trash		Recycling and Reuse	
	Volume (Cubic yards)	Weight (Tons)	Volume (Cubic yards)	Weight (Tons)
Concrete	-	-	16,900	8,450
Metal	-	-	2,911.68	393.47
Trash	12,634.63	2,212.72	-	-
<b>Total</b>	<b>12,634.63</b>	<b>2,212.72</b>	<b>19,811.68</b>	<b>8,843.47</b>
Recycling Rate by Weight: 80%				
Recycling Rate by Volume: 61%				

**Table 5- All ACCOUNTS**

June 2008 through Oct 2008 Recycling Results.

Material	Trash		Recycling and Reuse	
	Volume (Cubic yards)	Weight (Tons)	Volume (Cubic yards)	Weight (Tons)
City Wide Recycling	872.9	113.7	3,254.1	412.56
Concrete	-	-	64	47.31
Metal	-	-	232	60.61
Trash	50	3.4	-	-
<b>Total</b>	<b>922.9</b>	<b>117.1</b>	<b>3,550.1</b>	<b>520.48</b>
Recycling Rate by Weight: 82%				
Recycling Rate by Volume: 79%				



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**Recycling Results.** Table 6 shows the current total waste and recycling results from this project. A total of 54,128 tons of debris was generated, and 9,027 tons of debris was actually landfilled. The rest was recycled or reused – metal recycled into new metal products; concrete and masonry was crushed and used as road base or aggregate for new concrete.

<b>Table 6- All HAULS (INCLUDING Building Demolition)</b>				
<b>Material</b>	<b>Trash</b>		<b>Recycling and Reuse</b>	
	<b>Volume (Cubic yards)</b>	<b>Weight (Tons)</b>	<b>Volume (Cubic yards)</b>	<b>Weight (Tons)</b>
Cardboard	-	-	52	7.11
City Wide Recycling	5,057	1,327.06	14,062	1,547.74
Concrete	-	-	83,964	42,276.05
Metal	-	-	8,158.45	1,269.39
Trash	55,982.89	7,700.2	-	-
<b>Total</b>	<b>61,039.89</b>	<b>9,027.26</b>	<b>106,236.45</b>	<b>45,100.29</b>
<b>Recycling Rate by Weight: 83%</b>				
<b>Recycling Rate by Volume: 64%</b>				

<b>Table 7- All HAULS (EXCLUDING Building Demolition)</b>				
<b>Material</b>	<b>Trash</b>		<b>Recycling and Reuse</b>	
	<b>Volume (Cubic yards)</b>	<b>Weight (Tons)</b>	<b>Volume (Cubic yards)</b>	<b>Weight (Tons)</b>
Cardboard	-	-	52	7.11
City Wide Recycling	5,057	1,327.06	14,062	1,547.74
Concrete	-	-	980	784.05
Metal	-	-	1,517	424.92
Trash	6,762	1,320.48	-	-
<b>Total</b>	<b>11,819</b>	<b>2,647.54</b>	<b>16,611</b>	<b>2,763.82</b>
<b>Recycling Rate by Weight: 51%</b>				
<b>Recycling Rate by Volume: 58%</b>				



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**Conversion Figures.** In order to calculate the volume or the weight of materials for which complete data was not available, conversion figures were used. In order to come up with the most accurate conversion numbers, we used numbers from the United States Environmental Protection Agency (EPA). The conversion numbers used are shown in Table 8.

**Table 8: Conversion Figures**

EPA Conversion (1)	Trash	Cardboard	Metal	Wood	Concrete
Average Yards Per Ton	5.71	20	7.4	5.26	.5
Average Tons Per Yard	0.175	0.05	0.135	0.19	2

EPA Standard Volume-to-Weight Conversion Factors:

[http://www.epa.gov/recycle.measure/docs/guide\\_b.pdf](http://www.epa.gov/recycle.measure/docs/guide_b.pdf).