

Hexcel

Environmental Improvement Project Results

Project #1: Reduce plant-wide steam consumption.

Measurements:	Actual 2006 savings	Actual 2007 savings	<i>savings documented (energy)</i>
<i>Estimated steam by ETC Group consultants) completed in latter 2006</i>	648,000 gallons of water 6,448,957 cf of natural gas	Same as 2006	

Benefit to the environment for year:
648,000 gallons of water not used
Criteria pollutants not put into the atmosphere as a result of not burning natural gas

Benefit or savings for company: Less Maintenance on steam systems
Cost of water - \$4469
Cost of Natural gas – saved 6771 DTHs of natural gas = \$37,240 (\$5.50 per DTH)

Targeted Goal for 2008 (include specific measurement)

No further steam reduction goals planned for 2008

Project #2: Implement “use-as is” methylene chlorine recycling.

Measurements:	Actual 2006	Actual 2007	<i>for shipments sent</i>
<i>Manifest records for “use as is”</i>	147,000 lbs annually	118,785 lbs.	

Benefit to the environment for year:
Material not sent for incineration, therefore there are no air pollutant emissions
Material re-used as is, therefore raw materials and energy to manufacture or re-process is saved.

Benefit or savings for company:
Hazardous waste disposal costs - \$22,580
Transportation costs paid by company who uses as is – \$1260
State waste fees - \$1485
Paid \$5 per drum by end user (190 drums) = \$950

Total savings - \$26,275

Targeted Goal for 2008 (include specific measurement) _____

No further goals for 2008

Project #3: Continue plant-wide recycling program.

Measurements:	Actual 2006	Actual 2007
	Recycled 3.85 million pounds	Goal was 4.5 million pounds Actual was 5.00 million pounds

Item	2007		
	Ea./Pallet/CY	Wt. (lbs)	Savings/Income
Pallets	33525	1508625	\$40,858
Paper	985	777000	\$29,377
Poly Film	715	455000	\$17,203
Cardboard	4013	560800	\$12,931
Drums Crushed (includes scrap value)	19973	838866	\$96,899
Drums Reused	553	23226	\$14,378
Decatur Recycling (a)	1560	179263.37	\$92,969
Office Paper	405	108000	\$2,490
Subtotal - Cost Reductions	61729.4	4450780.4	\$307,104
Subtotal - Labor Costs			\$51,432
Subtotal - Equipment Expenses			\$20,000
Total - Estimated Income/Savings			\$235,672

Other

Sizing water recycled

Methylene chloride reused as is

Electronic components (computers, etc.) sent for recycle

Other metals besides drums recycled

Lead acid batteries sent for recycle

Does not count "clean waters" sent to the golf course for use.

Benefit to the environment for year:

Material not placed into landfill (space)

Raw materials and energy not used to manufacture new product

Benefit or savings for company:

Estimated \$236,000 in savings

Targeted Goal for 2008 (include specific measurement) _____

6.0 million pounds
