Who we are/ what we do, past-current- future

Carpet Rug Institute
Carpet America Recovery Effort
NY-NJ USGBC
CarpetCycle collection and LEED Services

Case Studies – Cost Data
Carpet Cycle, L.L.C.

Founded in 1999 - Dover, NJ
Moved to Elizabeth 2001
Provide PCC and ACT recycling services –
collection/sortation/baling
Provide interior demolition service which earns LEED credits for your project
We employ 24 full time employees
Have diverted over 40MM lbs since inception
Over 10 million pounds PCC reclaimed in 2008
Target goal is 13 MM pounds PCC reclaim in 2009
Our Process Steps:

Assess the Project & Design an Efficient Plan
Provide a Competitive Quote
Perform Removal - Sort - Collection
Meet Recycling Specification at our facility
  Broadloom Carpet Fiber Type
  Carpet Tile Backing Type
  Ceiling Tile Type
Ship Truckload Quantities
Approximately 20 tons or 10,000 SF per truck
Where does the carpet go???

- Donation for Re-Use
- Carpet Tile to Carpet Tile
- Carpet Yarn to Recycled Content Yarn
- Engineered Resins
  - Injected Molded Parts
  - Auto-Industry
- Plastic Lumber
- Energy from Waste “EFW”
# US Green Building Council LEED Rating System: ‘EB’ Existing Building

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<thead>
<tr>
<th>Materials &amp; Resources</th>
<th>2 Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Waste Management, Divert 50% from Disposal</td>
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<td>Construction Waste Management, Divert 75% from Disposal</td>
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Residential Collection/Sortation/Baling

Commercial Floor and Ceiling Removal/Recycling
Commercial Floor and Ceiling Removal/Recycling
Cost to Recycle

Recycling Service is “Cost Neutral” with respect to traditional demolition and landfill

Labor and trucking equal
Added handling cost offset by landfill savings
Synergy with carpet and ceiling removal
VCT and gyp board recycling in development
Project: TIAA-CREF 730 3rd Ave, 10th Floor

- 30,000 SF broadloom carpet, rip-up, haul and recycle
- $0.60/SF for turnkey service
- 30,000 SF acoustical ceiling tiles, palletized and hauled away by CarpetCycle, Recycled by Armstrong
- $0.15/SF, ceiling had already been removed by others
- Project completed in 6 days on OT, March 2008
- GC: Structure Tone
Project: **522 Fifth Avenue**

- 301,000 SF broadloom & carpet tile, rip-up, haul and recycle
- $0.41/SF for turnkey service
- Competitive Bid
- LEED CI, and later LEED EB
- Project completed in 3.5 weeks, aggressive schedule demand met, February/March 2007
- GC: Turner – Owner’s Rep: CBRE
Project: **1100 King Street, Rye Brook, NY**

- 52,490 SF broadloom, rip-up, haul and recycle
- $0.36/SF for turn-key service
- 52,490 SF acoustic ceiling recycling
- $0.36/SF for turn-key service
- May 2007, Project completed in 2 weeks,
- Owner: Reckson, A Division of SL GREEN
Project: **101 Park Avenue, 16th Floor**

- 15,000 SF carpet tile, rip-up, haul and recycle
- $0.45/SF for turn-key service
- 15,000 SF acoustic ceiling tile, removal collection, recycling
- $0.45/SF for turn-key service
- Competitive Bid
- April 2008, Project completed in 3 days,
- GC: Structure Tone
From This
To This
THANKS
Sean Ragiel – President
sean@carpetcycle.com
908-353-5900

www.carpetcycle.com