Construction & Demolition Debris Guidebook:
A Guide to Waste Reduction & Recycling on Construction Sites
Acknowledgements

The S.C. Department of Health and Environmental Control’s Office of Solid Waste Reduction and Recycling would like to thank the following individuals and organizations for their contributions to this guidebook:

- S.C. Energy Office
- University of South Carolina

If you have any questions or comments about organizing a recycling program for your business or organization, contact DHEC’s Office of Solid Waste Reduction and Recycling at:

S.C. Department of Health and Environmental Control
Office of Solid Waste Reduction and Recycling
2600 Bull Street
Columbia, SC 29201
1-800-768-7348
www.scdhec.net/recycle

Disclaimer

This guidebook provides information to businesses and organizations seeking assistance to reduce and recycle construction and demolition debris. All the information is voluntarily listed by the organizations and does not imply any endorsement or approval by DHEC, nor does it suggest the businesses or organizations are in compliance with all applicable laws.

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Introduction

About 1.1 million tons of construction and demolition debris were generated in South Carolina, according to reports provided by the state’s counties in 1999. Of that, more than 900,000 tons were disposed of in landfills. The population continues to increase and construction in South Carolina is growing rapidly, generating more waste for disposal. Allowing these reusable materials to go to a landfill is not only a waste of resources, but is also a waste of money. Builders and contractors pay twice: once when purchasing supplies and again when it is carried away for disposal.

According to the National Association of Home Builders (NAHB), it costs an average of $511 per house for construction debris disposal, causing fees to be more than $50,000 for every 100 homes constructed. This figure is predicted to increase as old landfills close and new ones are established. Many builders already practice efficient use of materials, but with the possibility of increased disposal costs, an effective waste management plan is needed to address reduction and recycling alternatives efficiently.

Since C&D has been detoured from municipal solid waste (MSW) landfills and makes up about 13 percent of the total waste in South Carolina, it has received more focus than ever. Although C&D landfill tipping fees are less than MSW landfills, some C&D landfills are offering additional recycling incentives for separated wood, brick, concrete and block brought to their sites.

This guidebook is intended to provide individuals involved in building, development and demolition with information to efficiently reduce, reuse and recycle on site. While this guidebook does not offer all the solutions, it provides ideas on managing and reducing waste going to the landfills.

Characterization of C&D Debris

C&D is solid waste generated from construction and demolition activities. These include the construction, remodeling, repair and demolition of structures such as buildings, roads, bridges, land-clearing and drainage and sewer systems. Waste materials produced at a construction site include asphalt, concrete, bricks, wood, glass, vinyl and aluminum siding, steel, drywall, paint cans,

<table>
<thead>
<tr>
<th>Construction Waste by Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>38% Cardboard</td>
</tr>
<tr>
<td>22% Other</td>
</tr>
<tr>
<td>4% Metals</td>
</tr>
<tr>
<td>24% Wood</td>
</tr>
<tr>
<td>11% Drywall</td>
</tr>
<tr>
<td>1% Masonry</td>
</tr>
</tbody>
</table>

Definitions

▷ C&D: construction and demolition debris
▷ Contamination: inappropriate materials placed in a specifically marked container
▷ Commingled materials: a mixture of several recyclables in one container
▷ Tipping Fees: the price individuals, communities and trash haulers pay to dispose of their waste at a landfill
In 1999, Mungo Homes, Inc., as part of a partnership with DHEC’s Office of Solid Waste Reduction and Recycling, demonstrated that gypsum wallboard from construction sites could be chipped into an effective soil amendment. These photos show the process from discarded gypsum board (right), the material being chipped (below left) and the final product (below right).

- Cost savings from avoided landfill and transportation fees and less money spent on additional purchases;
- Potential revenue generated from the sale of select recyclable materials; and
- Conservation of valuable landfill space and protection of South Carolina’s environment and natural resources.

caulking tubes, roofing materials, insulation, wiring, tree stumps, cardboard and much more. Of these items, the chart on the previous page shows the typical percentage of recyclable items generated during construction and demolition.

Waste will vary from site to site and from builder to builder, but the advantages to reducing, reusing and recycling remain the same. Some of the advantages include:
Developing a C&D Debris Management Plan

With every success, there is a plan. The same applies to C&D debris. Listed below are five steps to help you develop a C&D debris management plan. Not every step applies to all builders and contractors, so review each to find the best for your situation. Some of the steps require larger changes in procedures at the office or the job-site, while others are very minimal. Remember, be flexible with the options and modify them as needed.

1. **Target materials that are easy to recover, are in large quantities and are valuable.**

   You already see how much waste is generated on site. But, referring back to the pie chart will give you an idea of the recyclable materials generated.

   ✧ Once you have identified the target materials, choose one. By choosing one material, you can easily establish and maintain a recycling program. Since most construction occurs on several sites at the same time, this will enable you to manage the project more efficiently.

2. **Determine when the material is generated.** For example, during the finishing stage, cardboard and polystyrene is generated in large amounts.

   ✧ Look for materials in good condition that have unique characteristics or have value that can be reused or resold.

   NOTE: Contracts can be written to require subcontractors to sort and recycle on site.

   ✧ Determine the economics of reducing and recycling target materials.

   ✧ By keeping the recycling program similar to your current waste disposal system, little or no additional labor is required. Expect to assign a member of your staff/crew to manage the program for about two hours per week.

   ✧ Contact recyclers to determine cost or value of the targeted materials you want to recycle. Some items, such as drywall and wood, may require paying a recycler to take, while others will pay you for the items, such as cardboard and metal. Shop around. Know the cost of your local tipping fees, so you will be able to determine if the offer is cost-effective.

   ✧ Subtract the amount of materials you will recycle from the total cost of disposal to determine your savings. Be sure to look at the number of pick-ups and determine if you can have less frequent pick-ups (especially if you are planning to recycle or reuse large quantities) and if you need to change the size of the containers at your site.
3. Evaluate when the target materials will be generated during construction or demolition.

- Develop your recycling program to correspond with the times when the materials you have targeted will be generated. For instance, cardboard is generated near the end of construction when appliances and cabinets are installed.

4. Identify limitations of your target materials. Some of these may include:

- storage space;
- distance to recycling containers from site; and
- illegal dumping from non-contractors/local population.

5. Develop a waste reduction plan.

Gather all the information concerning target materials, economics, generation time and limitations to develop and implement a waste reduction plan from the options in the next chapter. Look at starting out small with plans to expand as the program becomes routine.
Reusing and Recycling C&D Debris

This section presents new options for waste management. Each of the following options has different requirements, advantages and disadvantages that should be considered before implementing the plan. Keep in mind that not every technique works for every builder or contractor. These options can be modified to fit your specific needs, so be creative:

<table>
<thead>
<tr>
<th>Option</th>
<th>Methods</th>
<th>Advantages</th>
<th>Disadvantages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Source Reduction</td>
<td>✗ Site clearing: leave trees when possible</td>
<td>✗ Cost savings due to reduction of materials purchased, reduced labor and disposal</td>
<td>✗ “Cost cutting” perception from buyers</td>
</tr>
<tr>
<td></td>
<td>✗ Alter floor plans to eliminate excess cut-offs</td>
<td></td>
<td>✗ May require architect, building inspector and framer involvement</td>
</tr>
<tr>
<td></td>
<td>✗ Use in-line framing, increase stud spacing and reuse cut-offs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reuse</td>
<td>✗ Reuse off-cuts for blocking, headers, bridging material and wall blocking</td>
<td>✗ Disposal savings</td>
<td>✗ Training of building crews</td>
</tr>
<tr>
<td></td>
<td>✗ Reuse plywood for air barrier boxes for electrical outlets, panels and plumbing fixtures</td>
<td>✗ Reduces initial cost of materials</td>
<td></td>
</tr>
<tr>
<td></td>
<td>✗ Use crushed masonry material as fill for slabs or garages</td>
<td>✗ Encourages efficient use of materials</td>
<td></td>
</tr>
<tr>
<td></td>
<td>✗ Demolition projects can salvage materials such as sinks, tubs, wood floors, etc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commingled Recovery</td>
<td>✗ Separate target recyclable materials from waste materials</td>
<td>✗ Little involvement from builder</td>
<td>✗ Value of materials decreases</td>
</tr>
<tr>
<td></td>
<td>✗ Place all recyclable materials in one container for pick-up</td>
<td>✗ Little training and time required for building crews</td>
<td>✗ Not usually cost effective for areas with tipping fees less than $50/ton</td>
</tr>
<tr>
<td></td>
<td>✗ Fewer containers on site</td>
<td></td>
<td></td>
</tr>
<tr>
<td>On-site Separation</td>
<td>✗ Provide separate containers for each recyclable material</td>
<td>✗ Higher value for recyclable materials</td>
<td>✗ Requires more training of building crews</td>
</tr>
<tr>
<td></td>
<td>✗ Require the generator to be responsible for placing materials in appropriate container</td>
<td>✗ Visible to prospective buyers</td>
<td>✗ More containers on site</td>
</tr>
<tr>
<td></td>
<td></td>
<td>✗ Collection schedules can be made on an as needed basis</td>
<td>✗ Contamination of improper materials in containers will reduce marketability</td>
</tr>
<tr>
<td>Take-back Policies</td>
<td>✗ Manufacturer takes back waste such as carpet and padding, drywall and vinyl to recycle into new product</td>
<td>✗ Minimizes waste from site</td>
<td>✗ Usually offered for large orders only</td>
</tr>
<tr>
<td></td>
<td></td>
<td>✗ Responsibility is on manufacturer</td>
<td>✗ Materials must have high value</td>
</tr>
<tr>
<td>Alternative Methods</td>
<td>✗ Chipped wallboard used as soil amendment on lot prior to sodding</td>
<td>✗ Handled locally on site</td>
<td>✗ Equipment needed</td>
</tr>
<tr>
<td></td>
<td>✗ Chipped wood waste used as mulch or compost</td>
<td></td>
<td>✗ State and local requirements must be met</td>
</tr>
</tbody>
</table>

Information from NAHB’s “Residential Construction Waste Management: A Builder’s Field Guide”
Methods to Reduce C&D Debris:
Source Reduction

The first and most important step in a waste management plan is to reduce. That is, reduce the amount of waste generated from the start. This will eliminate the need for an elaborate recycling plan. Many times, builders and contractors over-estimate the amount of materials needed for a site. According to the NAHB, the stud-per-foot estimation is the method many builders use to determine the number of studs required. However, it was discovered that about 15 percent (by weight) of the studs and structural sheathing went into the trash.

Framing lumber for most homebuilders is one of the largest purchases and components of the waste stream. There are many efforts to reduce the amount of waste generated during framing and reduce disposal costs. According to the NAHB, the following techniques are suggested to increase savings:

- **Increased Spacing of Joists and Studs:** Increased spacing of floor joists from 16" to 19" - 24" (these require use of 3/4" floor sheathing or greater). This technique can reduce the amount of framing material required by 30 percent.

- **In-Line Framing:** Aligning framing members such as trusses, studs and joists to bear directly over each other is the most efficient way to transfer loads from the roof to the foundation. Using this technique, regardless of the spacing of the framing members, allows the use of a single top plate.

- **House Configuration and Roof Design:** A plan with overall dimensions on a two-foot module permits the optimum use of floor and wall materials. Modest changes can reduce the amount of material required or generated.

- **Slab-on-Grade Foundations:** Under suitable site conditions, concrete slab-on-grade foundation can provide a cost-effective foundation-floor combination.

- **Excessive Waste Factors and Take-Off Tools:** Accurately determine the amount of materials needed for a site.

- **Construction Drawings:** With a detailed set of drawings, more accurate material estimations can be generated.

- **Separation of Reusable Lumber:** Stockpile reusable cut-offs for use in bridging, stakes, bracing, shims, drywall nailers and blocking where interior walls run parallel to joists or trusses.

- **Header Sizes:** Follow header tables included in building codes and eliminate headers in non-loadbearing walls.

- **Relocating Doors, Windows and Stairs:** Moving the horizontal position to coincide with modular studs reduces the number of framing members required.

- **Corner Details:** The stud/block/stud detail is commonly used for framing corners. The two-stud/1x backer detail and ladder framing reduces the number of studs required to frame outside corners and intersecting walls.
Basic Ideas About What to Recycle

When choosing which recyclable materials you will target, remember that the market and local C&D landfill tipping fees drives the value of those materials. Prices for recyclable construction materials may vary, but according to the latest figures from NAHB, the following values for recyclables were:

<table>
<thead>
<tr>
<th>Material</th>
<th>Expected/Payback</th>
</tr>
</thead>
<tbody>
<tr>
<td>WOOD</td>
<td>$20/ton</td>
</tr>
<tr>
<td>DRYWALL</td>
<td>$13/ton</td>
</tr>
<tr>
<td>CARDBOARD</td>
<td>$5/ton</td>
</tr>
<tr>
<td>FERROUS METALS</td>
<td>$40/ton</td>
</tr>
<tr>
<td>VINYL</td>
<td>$100/ton</td>
</tr>
<tr>
<td>ALUMINUM</td>
<td>$600/ton</td>
</tr>
</tbody>
</table>

SOUTH CAROLINA AVERAGE C&D LANDFILL TIPPING FEE: $28/ton

These figures give you an idea of what to expect when you recycle. The savings you receive from recycling are determined in part by local tipping fees and the training of your crews and subcontractors. Remember that any extra time spent on recycling normally decreases as your crews and subcontractors become familiar with the new methods.

Tips for Your Recyclables

- **Scrap wood and drywall**: Chemically treated wood is difficult to market because it can contaminate the end-products. Clean lumber and wood pallets are better choices to recycle. Most lumber is used for boiler fuel, mulch or to patch broken pallets. Gypsum or drywall is recycled as new wallboard, a fertilizer/soil amendment or land application.

- **Cardboard**: End markets are usually easy to find due to its widespread recyclability. Prices vary, but it is well worth the recycling option, particularly if you pay by volume.

- **Metals and Vinyl**: Copper, brass and aluminum have a higher market value than steel, but the small amounts generated on-site make cost-effective recycling difficult. Look at stockpiling for larger loads and keeping steel separate for higher value.

Effective Methods for Setting Up an On-Site Recycling Program

The two options for recycling on site, commingled recovery and on-site separation, require several methods to get started. Outlined below, these methods will give you an idea of what to expect and tips to make it successful. Keep in mind that each option is flexible and can be modified to fit your current situation.

- **Commingled Recovery**: Recyclables will need to be separated from waste materials and placed in one pile or container. This method requires less training and involvement from builder and crews. It works best on sites with little space available for extra containers or piles and for jobs that will produce small amounts of recyclables.

  However, this method does not produce payback of the recyclables due to the time required by the recycling service provider to separate the materials. It is usually not cost effective for areas in South Carolina that have a C&D landfill tipping fee less than $50/ton.

- **On-site Separation**: If you are planning to collect more than one recyclable, a container or pile for each material is required. This method requires sites with areas large enough for several piles or containers. However, if you are working on several sites at the same time, you can schedule collection of particular recyclables during that phase. For instance, during framing of several homes, schedule collection of scrap wood.
after the framing has been complete. Then once you move into the brick or siding phase, schedule collection of those materials and so on. This method requires the generator to be responsible for placing recyclable materials in the appropriate container or pile, thus more training of your crews and subcontractors.

You will receive higher value for these materials, because the recycling service does not need to separate and usually the loads they collect are cleaner, with little contamination. Lastly, take the time to educate your prospective homebuyers of your methods to improve the quality of life in South Carolina. This will leave a lasting impression on your future clients.

**Effective Education Techniques for Employees and Subcontractors**

Communication is key. As a builder you already know how important this is to the success of your business.

**FIRST:** Be sure that your idea of a “clean, uncontaminated” load is the same as your recycling service provider. This will ensure the highest value for each load.

**SECOND:** Look for a member of your crew/staff that is interested in recycling to designate as a recycling coordinator. The success of your program increases if someone takes responsibility for the recycling.

**THIRD:** Inform your crews/subcontractors of the new waste reduction methods and explain your intentions. Have the new recycling coordinator list the items accepted for recycling on a materials information sheet specific to the crew/subcontractor’s specialty. Give them only what they need. A list of all the materials that can be recycled and the specifics on each from cardboard to metals will appear overwhelming to your framing subcontractor. For example, print a materials information sheet just for scrap wood and include: definitions of the material, clean and uncontaminated; placement of materials; and examples of what is acceptable and unacceptable.

### Where Does It All Go?

The materials you target for recycling supplement other materials or can be made into various new products. Below is a listing of the most common uses of these materials:

<table>
<thead>
<tr>
<th>USES OF RECYCLED CONSTRUCTION WASTE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bricks</strong></td>
</tr>
<tr>
<td><strong>Wood</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Concrete and Blocks</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Asphalt</strong></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Cardboard</strong></td>
</tr>
<tr>
<td><strong>Metals</strong></td>
</tr>
<tr>
<td><strong>Gypsum Wallboard (drywall)</strong></td>
</tr>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>
Environmentally Friendly Building Materials

**Why Is It Important?**

Green building and sustainability are relatively new ideas that are catching on quickly. Green building looks at the entire building process, from site selection to final landscaping, and ensures the entire process takes sustainability into account. Sustainability is development that meets the needs of the present without compromising the ability of future generations to meet their own needs. By choosing materials that are made of recycled content materials, you are practicing a part of green building. Instead of those items going into a landfill, taking up space and wasting resources, you enable those products to be used again.

**How Can You Do It?**

Consider using recycled content building materials. Examples include plastic lumber made from recycled milk jugs and other plastics, carpet made from recycled soda bottles, steel framing made from recycled steel and insulation made from recycled newspaper.

Plastic lumber is a great example of a product that meets sustainability in a variety of ways. First, it keeps plastic out of landfills and offers another use for this resource. It is used for decking, boardwalks, fencing and outdoor railings. Expect to pay more for this product, but it has several advantages over treated wood. It resists rot, mold, mildew, termites, comes in several colors and outlasts wood products. This keeps homeowners from having to replace, stain or do routine maintenance to their decks and reduces the amount of new resources needed for repairs.

Review the list in Appendix III for available recycled content products. It is not always practical to use environmentally friendly materials. When pricing materials, if one that has recycled content costs three times as much and does not meet your standards, then it is not the practical choice.
Appendix I:
Resources and Contacts on C&D Debris Recycling

American Plastics Council
1801 K Street, NW
Washington, DC 20005
1-800-243-5790

Contractors Register, Inc. (CRI)
P.O. Box 500
Jefferson Valley, NY 10535
1-800-431-2584

Cost-Effective Home Building
NAHB Research Center, Inc.
400 Prince George’s Boulevard
Upper Marlboro, MD 20774
1-800-638-8556

Environmental Building News
RR1 Box 161
Brattleboro, VT 05301
(802) 257-7300

Environmental Resource Guide (ERG)
American Institute of Architects
1735 New York Avenue, NW
Washington, DC 20006
(202) 626-7331

Guide to Resource Efficient Building Elements (GREBE)
Center for Resourceful Building Technology
P.O. Box 3866
Missoula, MT 59806
(406) 549-7678

National Association of Demolition Contractors (NADC)
16 North Franklin Street
Doylestown, PA 18901
1-800-541-2412

National Recycling Coalition, Inc. (NRC)
1727 King Street, Suite 105
Alexandria, VA 22314
(703) 683-9025

N.C. Department of Environment, Health and Natural Resources
Division of Solid Waste
P.O. Box 27687
Raleigh, NC 27611-7687

S.C. Department of Health and Environmental Control
Office of Solid Waste Reduction and Recycling
2600 Bull Street
Columbia, SC 29201
1-800-768-7348

Steel Recycling Institute
680 Andersen Drive, Foster Plaza 10
Pittsburgh, PA 15220-2700
1-800-876-7274

WasteSpec
Triangle J Council of Governments
P.O. Box 12276
Research Triangle Park, NC 27709
(919) 549-0551
Appendix II:
C&D Debris Recycling Processors

Cardboard

Widely accepted throughout the state, call 1-800-768-7348 for a processor near you.

General C&D Debris

Glasscock Company, Inc.
Location: Hwy. 76 and 378, across from Shaw AFB, Sumter, SC 29150
Phone: (803) 494-2694
Fax: (803) 494-8598
Accepts: Reinforced concrete, brick, concrete blocks, asphalt and concrete pavement

Greenville/Spartanburg Recycling Company
Location and Mailing Address: 350 E. Frontage Rd., Greer, SC 29651
Phone: (864) 848-0390
Fax: (864) 297-1725
Accepts: Post-industrial, asphalt, concrete debris (separate loads)

Holgorson-Johnson
Mailing Address: P.O. Box 362, Fair Forest, SC 29336
Phone: (864) 576-8209
Fax: (864) 576-8051
Accepts: Concrete, brick, block, asphalt

Horry County Solid Waste Authority
Location and Mailing Address: 1886 Hwy. 90, Conway, SC 29526
Phone: (843) 347-4328
Accepts: Brush trimmings, tree waste, wood pallets, construction/lumber trim, demolition, preservative treated wood, engineered wood

Noble Corporation
Location and Mailing Address: 2349 Hwy. 301 S., Dillon, SC 29536
Phone: (843) 774-0091
Accepts: Mixed construction and demolition debris, composting
PP&S, Inc.
Location and Mailing Address: ................................................... 1000 Poinsett Hwy., Greenville, SC 29609
Phone: ......................................................................................... (864) 233-1990
Fax: ............................................................................................... (864) 233-9628
Accepts: ................................................................................................ Asphalts
Quantity accepted: ...................................................................... Any amount, will pick up

Note: Materials must be solid and machine accessible. Service area is statewide.

Quality Wood Recycling
Location and Mailing Address: ................................................... 913 Cline St., Newberry, SC 29108
Phone: ............................................................................................ (803) 276-1127
Accepts: ................................................................................................ Wood pallets, construction/lumber trim, scrap wood

RDJ Recycling
Location and Mailing Address: .................................................. 219 Basswood, Summerville, SC 29483
Phone: ............................................................................................... (843) 821-6699
Accepts: ................................................................................................ Wood pallets, construction/lumber trim, demolition, engineered wood

Robert O. Collins Company, Inc.
Location and Mailing Address: ................................................. 6800 Collins Rd., N. Charleston, SC 29418
Phone: ............................................................................................... (843) 552-1408
Fax: ............................................................................................... (843) 552-8411
Accepts: ............................................................................................. Concrete, clearing debris and waste excavation
Quantity accepted: ...................................................................... Any amount (provides pickup service)

Note: Service area in Berkeley, Charleston, Colleton, Dorchester and Horry counties

Sanders Brothers
Location and Mailing Address: ................................................... 1990 Harley St., N. Charleston, SC 29406
Phone: ............................................................................................... (843) 744-4261
Fax: ............................................................................................... (843) 554-2095
Accepts: ............................................................................................. Concrete, asphalt, bricks, blocks

Note: Service area is statewide.

TODCO, Inc.
Location and Mailing Address: .................................................... 1123 Roy Lopp Rd., Lexington, NC 27292
Phone: ............................................................................................... (336) 248-2001
Fax: ............................................................................................... (336) 248-8835
Accepts: ............................................................................................. Scrap lumber, wood pallets, leaves, yard waste and land clearing debris
Quantity accepted: ...................................................................... Any amount, clean

Metals

Widely accepted throughout the state, call 1-800-768-7348 for a processor near you.

For the most current listing of South Carolina recycling businesses and county recycling programs, call 1-800-768-7348 for a FREE copy of “South Carolina Recycles: A Directory of Recycling Programs and Markets.”
Vinyl Siding

Rondy & Company
Location and Mailing Address: ................................................. Rt. 5, Hwy. 28 Bypass E., Abbeville, SC 29620
Phone: ............................................................................................................................... (864) 459-9613
Fax: ................................................................................................................................... (864) 459-8081
Accepts: ............................................................ Vinyl siding (all types of plastic)
Quantity accepted: .......................................................... Minimum 20,000 lbs. or half a truckload

Note: A sample is required.

Wood

Anderson Woodwaste & Recycling
Location and Mailing Address: ....................................................... 685 Monitor Dr., Anderson, SC 29624
Phone: ............................................................................................................................... (864) 226-2629
Accepts: .................................................. Wood pallets, construction/lumber trim, engineered wood, crates, spools

Bob Hammond Construction/Hammond Wood Recycling
Location and Mailing Address: ............................................. 530 Beech Hill Rd., Summerville, SC 29485
Phone: ............................................................................................................................... (843) 832-8972
Fax: ................................................................................................................................... (843) 761-2826
Accepts: ............................................................ Clearing debris, yard trash, clean lumber and pallets
Quantity accepted: .......................................................... Any amount

Note: Service area in Berkeley, Charleston and Dorchester counties

Carolina Custom Pallets
Location and Mailing Address: .................................................... 405 Pine Hills Rd., Woodruff, SC 29388
Phone: ............................................................................................................................... (864) 433-0445
Fax: ................................................................................................................................... (864) 433-0680
Accepts: ............................................................ Wooden pallets and scrap wood
Quantity accepted: .......................................................... Any amount

Note: Service area is Woodruff, 50-mile radius.

Cryovac
Location and Mailing Address: .................................................. 100 Rogers Bridge Rd., Duncan, SC 29334
Phone: ............................................................................................................................... (843) 433-3471
Fax: ................................................................................................................................... (843) 433-2689
Accepts: ............................................................ Paper, cardboard, printer cartridges, aluminum cans, plastic,
batteries, packaging materials, scrap metal, scrap wood

Note: We are always looking for new markets.

Davis Disposal & Recycling, Inc.
Location and Mailing Address: .............................................. 425 N. Governor Williams Hwy., Darlington, SC 29532
Phone: ............................................................................................................................... (843) 393-6642
Fax: ................................................................................................................................... (843) 393-1624
Accepts: ............................................................ Waste wood and cardboard
Quantity accepted: .......................................................... Will pick up if quantity is sufficient. Deliveries accepted.

Note: Mobile tub grinder, on-site services
EJE Recycling & Disposal, Inc.
Location and Mailing Address: .................................................. 802 Recycling Ln., Greenville, NC 27834
Phone: ......................................................................................... (252) 752-8274
Fax: ............................................................................................... (252) 752-9016
Accepts: ............................................................................................ Yard waste, land-clearing debris
Quantity accepted: ............................................................................ Call for details

Gro-Bark
Location and Mailing Address: ......................................................... Hwy. 278 W., McCormick, SC 29835
Phone: ............................................................................................... (803) 465-3331
Fax: ............................................................................................... (803) 465-2002
Accepts: ......................................................................................... Timber mill bark
Quantity accepted: ............................................................................ Call for details

Harris Timber Company, Inc.
Location: ........................................................................................... Ladson, SC 29456
Phone: ............................................................................................... (843) 514-2078
Fax: ............................................................................................... (843) 514-2079

Note: Grinder service for clearing debris (on-site service)

Horry County Solid Waste Authority
See General C&D Debris section.

International Paper
Location and Mailing Address: ..................................................... 4001 McCords Ferry Rd., Eastover, SC
Phone: ............................................................................................... (803) 353-7500
Fax: ............................................................................................... (803) 353-7705
Accepts: ............................................................................................ Old pallets, tree bark
Quantity accepted: ............................................................................. Any amount

Note: Service area in the Midlands

Pallet Removal & Repair Service
Location and Mailing Address: .................................................. 1334 Elbert Taylor Rd., Pelion, SC 29123
Phone: ............................................................................................... (803) 894-3082
Accepts: ............................................................................................. Pallets
Quantity accepted: ............................................................................. Any amount, pickup service provided

Note: Service area in Central and western South Carolina and Augusta, Georgia

Postec Recycling, Inc.
Location and Mailing Address: ........................................ 730 Burcale Rd., Myrtle Beach, SC 29526-1004
Phone: ............................................................................................... (843) 236-0112
Accepts: ............................................................................................. Tree waste, wood pallets, construction/lumber trim, demolition, engineered wood

Poultry Power Brands
Location and Mailing Address: .................................................. 100 PSA Rd., N. Augusta, SC 29841
Phone: ............................................................................................... (803) 278-6890
Fax: ............................................................................................... (803) 808-1635
Accepts: ............................................................................................. Bio-solids, fly ash, wood chips
Quantity accepted: ............................................................................. Any amount, loose

Note: Service area is statewide.
Quality Wood Recycling
See General C&D Debris section.

R24 Lumber Company
Mailing Address: ................................................................. P.O. Box 411191, Charlotte, NC 28241
Phone: ................................................................................... (704) 587-0095
Accepts: .............................................Short random lengths of dimensional lumber 2x4’s through 2x12’s

RDJ Recycling
See General C&D Debris section.

Simco, Inc. of Charleston
Location and Mailing Address: ......................................... 145 King St., Suite 100, Charleston, SC 29401
Phone: ................................................................................... (843) 577-9602
Fax: ................................................................................... (843) 577-9603
Accepts: ................................................................................... Wood and bark
Quantity accepted: ................................................................. 200 tons or more (pickup service provided)

Note: Service area is statewide.

Southern Paper Recovery
Location and Mailing Address: ......................................... 1926 W. Gwinnett St., Savannah, GA 31402
Phone: ................................................................................... (912) 232-4413
Fax: ................................................................................... (912) 233-0355
Accepts: ................................................................................... Paper, glass, plastics, wood
Quantity accepted: ................................................................................... Any amount

TODCO, Inc.
See General C&D Debris section.

*These listings are provided to DHEC’s Office of Solid Waste Reduction and Recycling voluntarily by the listed organizations and are accepted in good faith to be accurate and true. This listing does not imply any endorsement or approval by DHEC.*
Appendix III:

Distributors of Recycled Content Building Materials and Products

This listing is provided based on information from the manufacturers of the products to the U.S. Environmental Protection Agency and the American Plastics Council. The list of products and companies in this publication does not constitute any endorsement or any representative as to the quality or performance of the products by the S.C. Department of Health and Environmental Control or the S.C. Energy Office.

Carpet

Image Industries
Mailing Address: .............................................................. P.O. Box 5555, Armuchee, GA 30105
Contact: ........................................................................ Barbara Topper
Phone: ................................................................. (706) 235-8444 or 1-800-722-2504
Fax: ........................................................................... (706) 290-0004

Martin Color-Fi
Mailing Address: .............................................................. P.O. Box 469, Edgefield, SC 29824
Contact: ........................................................................ Customer Service
Phone: ................................................................. (803) 637-7000 or 1-800-843-6382
Fax: ........................................................................... (803) 637-7117

Carpet Cushion

Collins & Aikman Floorcoverings
Location: ............................................................... 311 Smith Industrial Boulevard, Dalton, GA
Mailing Address: .............................................................. P.O. Box 1447, Dalton, GA 30722-1447
Contact: ............................................................................... Dobbin Callahan
Phone: ........................................................................... (706) 259-9711

Carpenter Company
Mailing Address: .............................................................. P.O. Box 27205, Richmond, VA 23261
Contact: ............................................................................... Bob Taggart
Phone: ........................................................................... (804) 359-0800
Fax: ........................................................................... (804) 358-5873

Dixie Manufacturing Corporation
Location and Mailing Address: ............................................. 100 Colley Avenue, Norfolk, VA 23510
Contact: ............................................................................... Patsy Hall
Phone: ........................................................................... (757) 625-8251
Fax: ........................................................................... (757) 627-4589

Fairmont Company
Location and Mailing Address: ........................................... 2245 West Pershing Road, Chicago, IL 60609
Contact: ................................................................................ Mike Beil
Phone: ........................................................................... (312) 376-1300 or 1-800-621-6907
Fax: ........................................................................... (312) 376-1300
Gaia Technologies
Location and Mailing Address: .................................................. 4710 Bellare Boulevard, #310, Bellare, TX 77401
Phone: ..................................................................................... (713) 661-5774
Fax: .......................................................................................... (713) 661-1677

Leggett & Platt
Location and Mailing Address: ............................................. 100 Leggett Drive, Villa Rica, GA 30180
Contact: Gail Langley
Phone: ..................................................................................... (770) 459-1800
Fax: .......................................................................................... (713) 661-1677

Countertops

Envirosafe Products Corporation
Location and Mailing Address: ......................................... 355 Eisenhower Parkway, Livingston, NJ 70391017
Contact: Stephan Lerman
Phone: ..................................................................................... (973) 535-1414
Fax: .......................................................................................... (973) 535-9235

Comments: Customization available.

Yemm & Hart, Ltd.
Location and Mailing Address: ........................................ 1417 Madison 308, Marquand, MO 63659153
Contact: Stephen Yemm
Phone: ..................................................................................... (573) 783-5434
Fax: .......................................................................................... (573) 783-7544
Website: .................................................................................. www.yemmhart.com

Comments: Special order. Decorative recycled plastic.

Decking/Lumber/Boardwalk Materials

Amazing Recycled Products
Mailing Address: .............................................................. P.O. Box 312, Denver, CO 80201
Contact: Mary Jarrett
Phone: ..................................................................................... 1-800-241-2174
Fax: .......................................................................................... (303) 699-2102
Website: .................................................................................. www.amazingrecycled.com

Comments: Customization available. Available in cedar, weathered redwood, EPA approved product.

American Earth Friendly Inc.
Location and Mailing Address: .......................................... 542 Southeast Fifth Ave., Delray Beach, FL 33483
Contact: Bill Hazlett
Phone: ..................................................................................... (561) 276-4152
Fax: .......................................................................................... (561) 276-3865

Comments: Stock item. Customization available.

American Ecoboard, Inc.
Location and Mailing Address: .......................................... 200 Finn Court, Farmingdale, NY 11735
Contact: Ron Kwiatkowski
Phone: ..................................................................................... (516) 753-5151
Fax: .......................................................................................... (516) 753-5165
Website: .................................................................................. www.americanecoboard.com

Comments: Customization available.
American Recycled Plastics, Inc.
Location and Mailing Address: ............................. 1314 Neptune Drive #4, Boynton Beach, FL 33426
Contact: .................................................................................................................... Michael Hazlett
Phone: .......................................................................................................................... (561) 733-8306
Fax: ............................................................................................................................... (561) 733-8869
Website: .................................................................................................................. www.itsrecycled.com

Comments: Customization available. Several colors available, 25 year warranty, waterproof, will never dry-rot or decay, not affected by insect infestation, great in areas where saltwater corrosion is a problem.

Bedford Industries, Inc.
Location: ............................................................... 1659 Rowe Ave., Worthington, MN 56187
Mailing Address: ................................................................. P.O. Box 39, MN 56187
Contact: ..................................................................................................................... Rachel Aanenson
Phone: ....................................................................................................................... 1-800-721-9037
Fax: ................................................................................................................................ (507) 376-6742
Website: .................................................................................................................. www.bedfordind.com

Comments: Customization available. Distributed by: Carefree Recycling Products, CO, (303)688-1212; or Center Industries Inc., IA.

Black Rhino Recycling
Location and Mailing Address: ......................................... 4503 Lebanon Church Road, W. Mifflin, PA 15122
Contact: ........................................................................................................................ Keith Brody
Phone: .......................................................................................................................... (412) 460-0160 or 1-800-9RHINO-9
Fax: ................................................................................................................................ (412) 460-0166
Website: .................................................................................................................. www.nauticom.net/www/arhino


B.T.W. Industries, Inc.
Location and Mailing Address: ........................................ 3939 Hollywood Blvd., #3B, Hollywood, FL 33009
Contact: ..................................................................................................................... G. Gunzburger
Phone: ....................................................................................................................... (305) 962-2100
Fax: ................................................................................................................................ (305) 963-4778

Comments: Customization available.

DMD, Inc.
Location and Mailing Address: ..................................... 8216 Lake Providence Drive, Weddington, NC 28105
Contact: ...................................................................................................................... Vic Schroder
Phone: ....................................................................................................................... 1-888-332-5240

Comments: Stock item. Solid recycled plastic lumber.

Eaglebrook Products
Location and Mailing Address: ........................................ 2600 W. Roosevelt Rd., Chicago, IL 60608
Contact: ...................................................................................................................... Matt McDonough
Phone: ....................................................................................................................... (312) 491-2500
Fax: ................................................................................................................................ (312) 491-2501
Website: .................................................................................................................. www.eaglebrook.com

Comments: Stock item. Sold as Durawood.

For the most current listing of South Carolina recycling businesses and county recycling programs, call 1-800-768-7348 for a FREE copy of “South Carolina Recycles: A Directory of Recycling Programs and Markets.”
Eco-Tech, L.P.
Location and Mailing Address: .......................... 4004 W. Dayton Street, McHenry, IL 60050
Contact: ................................................................. Joe Sadlier
Phone: ........................................................................ (815) 363-8570
Fax: ........................................................................ (815) 363-8594

Comments: Stock item. Customization and custom order available.

Energy & Environmental Concepts, Inc.
Location and Mailing Address: .................................. 325 S. Spruce St., Traverse City, MI 49684
Contact: ....................................................................... Steven Kopacki
Phone: ..................................................................... 1-800-968-9998 or (616) 947-4632
Fax: ........................................................................ 1-800-968-9998

Comments: Stock item. Sold as Duro-Tech.

Environmental Specialty Products - Division of USPL
Mailing Address: ................................................. P.O. Box 1114 2825 Old Brookside Rd., Guasti, CA 917431114
Contact: ................................................................ Liz Head
Phone: .................................................................... 1-800-7-PlASTIC or (909) 390-8800
Fax: .................................................................... (909)390-8700

Comments: Customization available. Stock item or special order.

Envirosafe Products Corporation
See listing in Countertops.

Comments: Special order. Customization available, stock item.
Various lengths and color, 2 X 2, 2 X 4, 2 X 6, 5/4 X 6.

Envirowood, Inc.
Location and Mailing Address: ............................ 501 W. Algonquin, Mt. Prospect, IL 60056
Contact: ............................................................... Don Pastor
Phone: .................................................................... 1-800-323-0830 or (847) 981-0310
Fax: .................................................................... (847) 981-0310
Website: ................................................................. www.environment.com

Comments: Customization available. 100% commingled recycled post-consumer plastics.

Hammer’s Plastic Recycling
Location and Mailing Address: .......................... 10252 Hwy. 65, Iowa Falls, IA 501268823
Contact: ................................................................. Susan Waters
Phone: ................................................................. 1-800-338-1438
Fax: ........................................................................ (515) 648-5074
Website: ................................................................. www.hammersplastic.com

Comments: Stock item. 2" X 2" to 10" X 10" up to 12'; gray, brown, or black available.

Marva Re-Sources, Inc.
Location and Mailing Address: ....................... 131 East Broad Street, Suite 201, Falls Church, VA 22046
Contact: .............................................................. Neville Martin
Phone: .............................................................. (703) 532-0867 or (301) 670-6137
Fax: ................................................................. (703) 241-8065

Comments: Stock item. Customization available.
MBX Corporation
Location and Mailing Address: 207 N. 1st Avenue, Wausau, WI 54402-0929
Contact: Tom Olson
Phone: (715) 845-1171
Fax: (715) 848-1054
Website: www.mbxpkg.com
Comments: Stock item. Customization available.

Phoenix Recycled Plastics
Location and Mailing Address: 225 Washington St., Conshohocken, PA 19428
Contact: Mark Siemon
Phone: (803) 237-1711
Fax: (803) 866-8724
Comments: Stock item. Available in tongue and groove or eased edge in lengths to 40!
Colors: white, grey, teak, weathered teak, oak and custom.

Quality Fence and Supply
Location and Mailing Address: 2670 Division Highway, New Holland, PA 17557
Contact: Paul Lapp
Phone: (717) 355-7100
Fax: (717) 355-7149
Comments: Stock item

Recycled Plastic Man
Mailing Address: P.O. Box 3368, Venice, FL 34293
Contact: John Spencer
Phone: 1-800-253-7742
Fax: (941) 473-0131
Comments: Stock item. Various shapes and sizes available.

Recycled Plastics Marketing
Location and Mailing Address: 2829 152nd Ave, NE, Redmond, WA 98052
Contact: Marc Lagen
Phone: 1-800-529-9110
Fax: (425) 867-3282
Website: www.rrpm.com

Trex Company, LLC
Location and Mailing Address: 20 South Cameron Street, Winchester, VA 22601
Contact: Customer Service
Phone: 1-800-BUY-TREX
Fax: (540) 678-1820
Website: www.trex.com
Comments: Stock item. Sold as Trex Easy Care Decking. Call for nearest distributor.

For the most current listing of South Carolina recycling businesses and county recycling programs, call 1-800-768-7348 for a FREE copy of “South Carolina Recycles: A Directory of Recycling Programs and Markets.”
Westmont Building Products
Location and Mailing Address: 200 E. Quincy, Westmont, IL 605591825
Contact: Steve Kowalski
Phone: 1-800-688-3420
Fax: (630) 968-0285
Comments: Stock item. Sold as Trex. 50% HDPE/LDPE, 50% wood fiber, dimensional lumber.

WhiteHall Products, Inc.
Location and Mailing Address: P.O. Box 3348, Tampa, FL 33601
Contact: Michael Bodnar
Phone: 1-800-262-1258
Fax: (813) 248-2349
Website: www.whitehall-products.com
Comments: Customization available.

Yemm & Hart, Ltd.
See listing in Countertops.
Comments: Stock item. Pure content recycled HDPE; available in many bright colors and dimensions.

Doors

Envirosafe Products Corporation
See listing in Countertops.
Comments: Customization available.

Drain Troughs

REPLASTEC, Inc.
Location and Mailing Address: Erie Industrial Pk. Building #460, Port Clinton, OH 43452
Contact: Thomas Fought
Phone: 1-800-800-6763 or (419) 635-4000
Fax: (419) 635-4004
Comments: Special order. Used in waterproofing basements.

Fencing

Energy & Environmental Concepts Inc.
See listing in Decks/Lumber/Boardwalk.
Comments: Stock item. Sold as Duro-Tech.

Lido, Inc.
Location and Mailing Address: 408 S. Troy Str., Aurora, CO 80012
Contact: Ken Self
Phone: (303) 364-8187
Fax: 1-800-998-9878
Comments: Customization available. Dimensional ecological lumber system.

Quality Fence and Supply
See in Decking/Lumber/Boardwalk.
Content: 0-100%, Post-Consumer
Comments: Stock item.
Trex Company, LLC
See listing in Decks/Lumber/Boardwalk.

Flooring

Carlisle Tire and Rubber Company
Mailing Address: ................................................................. P.O. Box 99, Carlisle, PA 17013
Contact: ......................................................................................... John Yaw
Phone: .......................................................................................... 1-800-851-4746
Fax: ................................................................................................ (717) 249-0011

Comments: Tiles

Design Recycle
Location and Mailing Address: .................................. 11103 Brookdale Lane, Upper Marlboro, MD 20772
Contact: .............................................................................................. James Ingram
Phone: ................................................................................................. (301) 952-9137
Fax: ....................................................................................................... (301) 952-1781

Comments: Tiles

Dodge-Regupol, Inc.
Mailing Address: ............................................................... P.O. Box 989, Lancaster, PA 17608-0989
Contact: ............................................................................................ John Hollern or John Aten
Phone: ................................................................................................. (717) 295-3400
Fax: ....................................................................................................... (717) 295-3414

Comments: Tiles

Durable Corporation
Location: ..................................................................................... 75 North Pleasant Street, Norwalk, OH
Mailing Address: ........................................................................ P.O. Box 290, Norwalk, OH 44857
Contact: ........................................................................................... Tom Secor, Sales Department
Phone: ............................................................................................... 1-800-537-1603 or (419) 668-8138
Fax: ..................................................................................................... 1-800-537-6287 or (419) 668-8068

Comments: Tiles

Earth Safe, Inc.
Mailing Address: .............................................................. P.O. Box 1401, Marstons Mills, MA 02648-0014
Contact: .......................................................................................... Stephen L. Orbe
Phone: ................................................................................................. (508) 420-5681
Fax: ..................................................................................................... (508) 420-4214

Comments: Tiles

Ecodesign by Exerflex
Location and Mailing Address: ................................................. 6801 Lake Plaza Suite A-105, Indianapolis, IN 46220
Contact: ............................................................................................ Mark Center
Phone: ................................................................................................. 1-800-428-5306
Fax: .................................................................................................. (317) 842-5384

Comments: Customization available. Sold as ECO-Design Exerclip.
Substitute wood flooring for retail and restaurant applications, high/low aerobics, dance, step training and sliding. Interlocking tile, plank flooring.
Enviro-Cycle, Inc.
Location and Mailing Address: ...................................................... P.O. Box 921581, Norcross, GA 30092
Contact: ............................................................................................. Gary Petersen
Phone: ............................................................................................. (770) 840-7010
Fax: ................................................................................................. (770) 441-7621
Comments: Tiles

Envirosafe Products Corporation
See listing in Countertops.

Hi-Tech Home Improvement, Ltd.
Location and Mailing Address: ........................................... 4555-31 Groves Road, Columbus, OH 43232
Contact: ............................................................................................. Hans Schaffnit
Phone: ............................................................................................. (614) 856-3122
Fax: ................................................................................................. (614) 575-1206
Comments: Stock item. Sold as The Hi-Tech Deck. Solid recycled plastic lumber.

Marley Flexco
Location and Mailing Address: ........................................... 1401 East Sixth Street, Tuscumbia, AL 35674
Contact: ............................................................................................. Keith Coates
Phone: ............................................................................................. 1-800-633-3151 or (205) 383-7474
Fax: ................................................................................................. (205) 381-0322
Comments: Tiles

New Pig Corporation
Location and Mailing Address: ..................................................... 1 Pork Avenue, Tipton, PA 16684-0304
Contact: ............................................................................................. Customer Service
Phone: ............................................................................................. (814) 684-0101
Fax: ................................................................................................. (814) 684-0608
Comments: Tiles

Oscoda Plastics, Inc.
Location and Mailing Address: .......................................... 5585 North Huron Avenue, Oscoda, MI 48750
Contact: ............................................................................................. Ken Szabo
Phone: ............................................................................................. 1-800-544-9538 or (517) 739-6900
Fax: ................................................................................................. (517) 739-1494
Comments: Tiles

Plastic Lumber Company, Inc.
Location and Mailing Address: ...................................540 S. Main St. Building #7, Akron, OH 443111010
Contact: ............................................................................................. Alan E. Robbins
Phone: ............................................................................................. 1-800-886-8990
Fax: ................................................................................................. (330) 762-1613
Website: ............................................................................................ www.plasticlumber.com
Comments: Stock item. 43 different lumber dimensions.

Premier Tiles
Location and Mailing Address: ........................................... 17 Wexford Drive, Monmouth Junction, NJ 08852
Contact: ............................................................................................. Salvatore J. Capobianco
Phone: ............................................................................................. (561) 791-0288 or (732) 438-1356
Fax: ................................................................................................. (732) 329-6048
Comments: Tiles
RB Rubber Products, Inc.
Location and Mailing Address: ........................................... 904 East 10th Avenue, McMinnville, OR 97128
Contact: .......................................................................................................................... Craig Latham
Phone: ............................................................................................................................ 1-800-525-5530 or (503) 472-4691
Comments: Tiles

Selectech, Inc.
Location and Mailing Address: ........................................... 15 Fourth Street, Taunton, MA 2780
Contact: .......................................................................................................................... Michael Buck
Phone: ............................................................................................................................ (508) 828-4200
Fax: ................................................................................................................................. (508) 828-4201
Comments: Stock item. Tile. Selectile 2’ X 2’ X 22” interlocking edges.

Tennessee Mat Co., Inc.
Location and Mailing Address: ........................................... 1414 Fourth Avenue, South, Nashville, TN 37210
Contact: .......................................................................................................................... Sharon Norwood
Phone: ............................................................................................................................ 1-800-264-3030 or (615) 254-8381
Fax: ................................................................................................................................. (615) 255-4428
Comments: Tiles

Turtle Plastics Company
Location and Mailing Address: ........................................... 7450 A Industrial Parkway, Lorain, OH 440532064
Contact: .......................................................................................................................... Tom Norton
Phone: ............................................................................................................................ (440) 282-8008
Fax: ................................................................................................................................. (440) 282-8822
Website: ......................................................................................................................... www.turtleplastics.com
Comments: Stock item. Garage and basement.
100% recycled modular floor mats solid surface or drainage holes, 20 colors.

Unity Creations, Ltd.
Location and Mailing Address: ........................................... 6 Ditomas Court, Copiague, NY 11726
Contact: .......................................................................................................................... Sales Department
Phone: ............................................................................................................................ 1-800-293-9822 or (516) 841-2620
Fax: ................................................................................................................................. (516) 841-2613
Comments: Tiles

U.S. Rubber Recycling
Location and Mailing Address: ........................................... 10440 Trademark Street, Rancho Cucamonga, CA 91730
Contact: .......................................................................................................................... Theresa Johnson
Phone: ............................................................................................................................ (909) 466-4365
Fax: ................................................................................................................................. (909) 466-4367
Comments: Tiles

Yemm & Hart, Ltd.
See listing in Countertops.
Special order. Origins Tile. Made from decorative recycled plastic - 6”, 12”, 18” and 24” squares.
Customization available.

For the most current listing of South Carolina recycling businesses and county recycling programs, call 1-800-768-7348
for a FREE copy of “South Carolina Recycles: A Directory of Recycling Programs and Markets.”
**Insulation**

**All-Weather Insulation**
Location and Mailing Address: ............................................. 5309 Bardstown Road, Springfield, KY 40069
Contact: ............................................................................ Pat Clements
Phone: ............................................................................ (606) 336-3931
Fax: ................................................................................ (606) 336-9289

**American Rockwool, Inc.**
Mailing Address: ................................................................. P.O. Box 880, Spring Hope, NC 27882
Contact: ........................................................................... Bart Bromley
Phone: ........................................................................... 1-800-334-0394 or (919) 478-5111
Fax: ................................................................................ (919) 478-4172

**Apache Products Company**
Mailing Address: ................................................................. P.O. Box 7111, Jackson, MS 39212
Contact: ........................................................................... Gary Beaver
Phone: ........................................................................... 1-800-648-2154
Fax: ................................................................................ (601) 373-0770

**Applegate Insulation Systems, Inc.**
Location and Mailing Address: .................................... 762 Stonecypher Street, Cornelia, GA 30531
Contact: ............................................................................ Don Coleman or Billy Turk
Phone: ............................................................................ 1-888-427-7534 or (706) 778-2919
Fax: ................................................................................ (706) 778-7940

**Atlas Roofing Corporation**
Location and Mailing Address: ..................................... 1775 The Exchange, Suite 160, Atlanta, GA 30339
Contact: ........................................................................... Sales Department
Phone: ........................................................................... 1-800-933-1476
Fax: ................................................................................ (770) 955-6207

**Benchmark Foam, Inc.**
Location and Mailing Address: ..................................... 3200 9th Ave. SE, Watertown, SD 572019102
Contact: ........................................................................... Brenda Hansen
Phone: ........................................................................... (605) 886-8084
Fax: ................................................................................ (605) 886-8099

*Comments: Stock item.*

**Cell-Pak, Inc.**
Mailing Address: ................................................................. P.O. Box 1023, Decatur, AL 35602
Contact: ........................................................................... Ken Boster
Phone: ........................................................................... (205) 350-3311
Fax: ................................................................................ (205) 350-0308

**Celotex Corporation**
Location and Mailing Address: .................................... 4010 Boy Scout Boulevard, Tampa, FL 33607
Contact: ........................................................................... Lecil Colburn
Phone: ........................................................................... (813) 873-1700
Fax: ................................................................................ (813) 873-4103
Envirosafe Products Corporation
See listing in countertops.

Comments: Stock item. For roof, wall and foundation applications.

Firestone Building Products
Location and Mailing Address: 525 Congressional Boulevard, Carmel, IN 46032
Contact: James McKaney
Phone: 1-800-428-4442
Fax: (317) 575-7100

Homasote Company
Mailing Address: P.O. Box 7240, West Trenton, NJ 08628-0240
Contact: Les Kugler
Phone: (609) 883-3300 or (609) 883-1272
Fax: (609) 530-1584

Pacemaker Plastics Company, Inc.
Mailing Address: P.O. Box 279 126 New Pace Rd., Newcomerstown, OH 43832
Contact: Mike Bennett
Phone: (740) 498-4181
Fax: (740) 498-4184

Comments: Stock item. Sold as Chemfoam or Pip. For roof, wall and foundation applications. Roofing insulation. Sold as Perform.

Perma-Flake Corporation
Mailing Address: P.O. Box 4653, Greenville, MS 38704
Contact: Gloria Davis
Phone: (601) 334-9852

Rock Wool Manufacturing Company
Location: 203 North Seventh Street, Leeds, AL
Mailing Address: P.O. Box 506, Leeds, AL 35094
Contact: W.J. Brayman
Phone: (205) 699-6121
Fax: (205) 699-3132

Suncoast Insulation Manufacturing Company
Location and Mailing Address: 19321-C Highway 19, North, Clearwater, FL 33764
Contact: Alfred J. Vincelli
Phone: 1-800-666-4824

Tennessee Cellulose Insulation
Location and Mailing Address: 60 Davy Crockett Park Road, Limestone, TN 37681
Contact: Gary Bowers
Phone: (423) 257-2051
Fax: (423) 257-4821

Thermal Foams, Inc.
Location and Mailing Address: 2101 Kenmore Ave., Buffalo, NY 14207
Contact: Dave Wopperer
Phone: 1-800-333-6267
Fax: (716) 874-8180

Comments: Special order. Made from expanded polystyrene foam.
U.S. Fiber
Location and Mailing Address: ....................................................... 145 Factory Street, Ronda, NC 28670
Contact: .............................................................................................. Larry Taylor
Phone: .............................................................................................. 1-800-992-2468 or (910) 835-2048
Fax: ........................................................................................................ (910) 835-8667

U.S. Gypsum Corporation
Location and Mailing Address: ....................................................... 125 South Franklin Street, Chicago, IL 60606
Contact: ................................................................................................. David McCrowskie
Phone: ............................................................................................... (312) 606-4000
Fax: ........................................................................................................ (312) 606-4093

Molding

Timbron International
Location: .................................................................................................. 4331 Pock Lane, Stockton, CA
Mailing Address: ..................................................................................... P.O. Box 30308 (95213), Stockton, CA 95206
Contact: ................................................................................................. Bob Simpson
Phone: ....................................................................................................... (209) 983-8393
Fax: ........................................................................................................... (209) 983-5255
Comments: Stock item. Will be available through Home Depot.

Envirosafe Products Corporation
See listing in Countertops.
Comments: Customization available. Available in various colors and sizes; water and insect proof.

Paint (Latex)

Banner Manufacturing
Location and Mailing Address: .......................................................... 7900 East 40th Avenue, Denver, CO 80207
Contact: ................................................................................................. Ken Valis, President
Phone: ....................................................................................................... (303) 316-9268
Fax: ........................................................................................................... (303) 316-9371
Comments: Makes 10 colors of reprocessed and consolidated interior and exterior flat latex paint.

E Coat (A Division of Kelly Moore)
Location and Mailing Address: .......................................................... 5101 Raley Boulevard, Sacramento, CA 95838
Contact: ................................................................................................... Ray Julian
Phone: ................................................................................................. 1-800-874-4436, Ext. 198 or (916) 921-0165
Fax: ........................................................................................................... (916) 921-0184

Eco Paint Company
Mailing Address: ................................................................................. P.O. Box 12316, Orange, CA 92859
Contact: ................................................................................................. Laurie Murphy
Phone: ....................................................................................................... (714) 289-7070
Fax: ........................................................................................................... (714) 289-7073
Paint Solutions
Mailing Address: .............................................................................. P.O. Box 2707, Saint Louis, MI 63116
Contact: ................................................................................................. Nancy Niemeyer
Phone: ........................................................................................................ (314) 776-0071
Fax: ............................................................................................................. (314) 776-0866
Comments: Makes reprocessed flat latex interior and exterior paints.

Passonno Paints
Location and Mailing Address: ......................................................... 500 Broadway, Watervliet, NY 12189
Contact: ........................................................................................................... Keri Cunningham-O’Brien
Phone: ........................................................................................................... (518) 273-3822, Ext. 224 or (518) 489-1910
Fax: .................................................................................................................... (518) 273-1566

Southwest Paint Recyclers, Inc.
Location and Mailing Address: ................................................. 5445 Edith Boulevard, NE., Albuquerque, NM 87107
Contact: ........................................................................................................... Sales Department
Phone: ............................................................................................................. (505) 345-0931
Fax: .................................................................................................................... (505) 345-7421
Comments: Makes a total of eleven colors in three types of reprocessed latex paint.

Pipe (Corrugated)

Crumpler Plastic Pipe, Inc.
Mailing Address: .............................................................................. P.O. Box 2068 Hwy. 24 E., Roseboro, NC 28382
Contact: ............................................................................................................. Houston L. Crumpler, Jr.
Phone: .............................................................................................................. 1-800-334-5071 or (910) 525-4046
Fax: ...................................................................................................................... (910) 525-5801
Website: ............................................................................................................ www.cpp-pipe.com

Railing

American Recycled Plastics, Inc.
See listing in Decking/Lumber/Boardwalk.
Comments: Customization available. Several colors available, 25 year warranty, waterproof, will never
dry-rot or decay, not affected by insect infestation, great in areas where saltwater corrosion is a
problem, BOCA approved nationally.

Trim

Envirosafe Products Corporation
See listing in Countertops.
Comments: Customization available. Various colors and lengths.

For the most current listing of South Carolina recycling businesses and county recycling programs, call 1-800-768-7348
for a FREE copy of “South Carolina Recycles: A Directory of Recycling Programs and Markets.”
Vents

Pacemaker Plastics Company, Inc.
Location: ................................................................. 126 New Pace Rd., Newcomerstown, OH 43832
Mailing Address: .......................................................... P.O. Box 279, Newcomerstown, OH
Contact: ................................................................................................................................. Mike Bennett
Phone: ............................................................................................................................... (740) 498-4181
Fax: ................................................................................................................................... (740) 498-4184

Comments: Stock item. Sold as Snap-it Vents.

Wallboards

Envirosafe Products Corporation
See listing in Decks/Lumber/Boardwalk.

Comments: Customization available. Duraplast wallboard 4 X 8 and 4 X 10-1/4-1” thick.
Appendix IV: C&D Debris Proper Disposal Requirements

The S.C. Department of Health and Environmental Control (DHEC) regulates waste materials that are produced as a result of construction and demolition (C&D) activities. The information on this page could be very important to you as all contractors, builders and property owners are responsible for making sure that they follow state disposal regulations.

Recycling: Proper reuse and recycling of construction and demolition debris is encouraged. Items such as brick, block, wood, cardboard and shingles are accepted for recycling. A list of recycling facilities located in your area is included for your information. If you would like to learn more about C&D debris recycling, call 1-800-768-7348.

C&D Landfills: Items that may be disposed of in a C&D landfill include, but are not limited to: bricks, blocks, plaster, plasterboard, shingles, roofing materials, hardened/cured asphalt, non-asbestos containing floor coverings, glass, hardened concrete, lumber, insulation material, floor and wall tiles. Some items that may NOT be disposed of in a C&D landfill include, but are not limited to: paint and paint cans, caulking materials, including empty caulking tubes, hazardous materials, friable asbestos or anything that has been in contact with petroleum products and more. For a C&D landfill in your area, contact your local DHEC District Office.

Asbestos: Before renovation or demolition of any building, an asbestos survey must be done to determine if asbestos is present. To find out more about this requirement or if you have any other questions regarding the regulatory requirements for asbestos removal contact DHEC’s Asbestos Section at (803) 898-4289.

Lead-based Paint: All materials containing lead-based paint must be disposed of at a Municipal Solid Waste Landfill. Materials containing or covered with lead paint CANNOT be disposed of in a C&D landfill. If you have items that you are not sure about, take them to a lined Municipal Solid Waste Landfill or call your local DHEC District Office. Waste that is scraped off boards and contains mostly lead-based paint may need to be disposed of at a Hazardous Waste Facility. For guidance on this topic, call DHEC’s Division of Hazardous and Infectious Waste at (803) 896-4172.

Open Dumping: OPEN DUMPING IS ILLEGAL! Open dumping is considered the disposal of waste on any property that is not permitted by DHEC as a disposal facility. It is considered open dumping even if you have the permission of the property owner. Open dumping of any waste including C&D waste, municipal solid waste and land-clearing debris can result in penalties of up to $10,000 per day of violation and/or criminal penalties including prison. Any and all equipment used for open dumping can be confiscated.

Open Burning: OPEN BURNING OF C&D WASTE IS ILLEGAL! Open burning of land-clearing debris is highly restricted and in many areas entirely banned. For more information regarding this, please call your local DHEC District Office or DHEC’s Bureau of Air Quality at (803) 898-4213.

If you have any questions or need additional information, please call your DHEC District Office (see list on the following page) or DHEC’s Bureau of Land and Waste Management at (803) 896-4000.
S.C. DHEC Environmental Quality Control District Offices

Appalachia I
Location and Mailing Address: .............................................. 2404 North Main Street, Anderson, SC 29621
Phone: ...................................................................................... (864) 260-5569
Fax: ......................................................................................... (864) 260-4855
Counties Served: ............................................................................... Anderson, Oconee

Appalachia II
Location and Mailing Address: ................................. 301 University Ridge, Suite 5800, Greenville, SC 29601-3677
Phone: ...................................................................................... (864) 241-1090
Fax: ......................................................................................... (864) 241-1092
Counties Served: ............................................................................... Greenville, Pickens

Appalachia III
Location and Mailing Address: ............................. 975-C North Church St., Spartanburg, SC 29302-2712
Phone: ...................................................................................... (864) 596-3800
Fax: ......................................................................................... (864) 596-2136
Counties Served: ............................................................................... Cherokee, Spartanburg, Union

Catawba
Mailing Address: ................................................................. P.O. Box 100, Fort Lawn, SC 29714
Phone: ...................................................................................... (803) 285-7461
Fax: ......................................................................................... (803) 285-5594
Counties Served: ............................................................................... Chester, Lancaster, York

Central Midlands
Location: .............................................................. 8500 Farrow Rd, Bldg #5, State Park, SC
Mailing Address: ........................................................................... P.O. Box 156, State Park, SC 29147
Phone: ...................................................................................... (803) 935-7015
Fax: ......................................................................................... (803) 935-6724
Counties Served: ............................................................................... Fairfield, Lexington, Newberry, Richland

Low Country
Location and Mailing Address: .............................................. 1313 Thirteenth Street, Port Royal, SC 29935
Phone: ...................................................................................... (843) 522-9097
Fax: ......................................................................................... (843) 522-8463
Counties Served: ............................................................................... Beaufort, Colleton, Hampton, Jasper

Lower Savannah
Location and Mailing Address: .............................................. 206 Beaufort Street, NE, Aiken, SC 29801
Phone: ...................................................................................... (803) 641-7670
Fax: ......................................................................................... (803) 641-7675
Counties Served: ............................................................................... Aiken, Allendale, Bamberg, Barnwell, Calhoun, Orangeburg

Pee Dee
Location and Mailing Address: .............................................. 145 East Cheves St., Florence, SC 29506
Phone: ...................................................................................... (843) 661-4825
Fax: ......................................................................................... (843) 661-4858
Counties Served: ............................................................................... Darlington, Dillon, Chesterfield, Florence, Marion, Marlboro
Trident
Location and Mailing Address: 1362 McMillan Avenue, Suite 300, Charleston, SC 29405
Phone: (843) 740-1590
Fax: (843) 740-1595
Counties Served: Berkeley, Charleston, Dorchester

Upper Savannah
Location and Mailing Address: 613 South Main St., Greenwood, SC 29646
Phone: (864) 223-0333
Fax: (864) 223-6935
Counties Served: Abbeville, Edgefield, Greenwood, Laurens, McCormick, Saluda

Waccamaw
Location and Mailing Address: 1705 Oak Street Plaza, Suite #2, Myrtle Beach, SC 29577
Phone: (843) 448-1902
Fax: (843) 946-9390
Counties Served: Georgetown, Horry, Williamsburg

Wateree
Location: 105 Magnolia St., Sumter, SC
Mailing Address: P.O. Box 1628, Sumter, SC 29151
Phone: (803) 778-6548
Fax: (803) 773-6366
Counties Served: Clarendon, Kershaw, Lee, Sumter
Appendix V:
Acceptable Waste for C&D
and Land-Clearing Debris Landfills

The following types of waste have been determined by the S.C. Department of Health and Environmental Control to be environmentally safe and may be accepted at construction, demolition & land-clearing debris landfills unless specifically prohibited by the Department. However, any of the materials listed in this appendix that have been painted with lead-based paint and/or have been in direct contact with hazardous constituents (e.g., pesticides, etc.), or petroleum products, are prohibited from disposal at a construction, demolition and land-clearing debris landfill.

Acceptable C&D Demolition Debris:
- structural steel
- hardened concrete
- bricks and blocks
- lumber
- tires*
- plaster and plasterboard
- insulation material
- shingles and roofing materials
- floor, wall and ceiling tile
- hardened/cured asphalt**
- pipes
- hardened cement
- floor coverings
- glass wire (optical fiber)
- other structural fabrics

* Tires shall be reduced in size by a minimum of one-eighth the size of the original tire prior to landfill disposal.

** Tar sealant material is not acceptable.

*** Nonfriable asbestos-containing material which is in good condition and has not been handled in such a way as to render it a regulated material and thus subject to Bureau of Air Quality Control (BAQC) Regulation 61-86.1 (Standards of Performance for Asbestos Abatement Operations) and the National Emissions Standards for Hazardous Air Pollutants [40 CFR 61 Subpart M] is acceptable. Record keeping of all asbestos-containing material shall be in accordance with Bureau of Air Quality Control Regulation 61-86.1 (Standards of Performance for Asbestos Abatement Operations) and the National Emissions Standards for Hazardous Air Pollutants [40 CFR 61, and Subpart M]. Prior to disposal of any nonfriable asbestos-containing material, the generator of the asbestos waste shall have a “permission for disposal” letter from the Department.

Acceptable Land-Clearing Debris:
- earthen material, e.g., clays, top soil, sands, gravels and silts
- vegetation
- logs
- rock
- tree stumps
- brush and limbs
- root mats
Appendix VI: Unacceptable Waste for C&D and Land-Clearing Debris Landfills

The following types of waste have been determined to pose a potential threat to the environment and may not be accepted at construction, demolition and land-clearing debris landfills.

Any waste that has been in contact with lead-based paint such as:
- plaster and plasterboard
- metal poles
- concrete
- painting equipment
- wall paper
- mechanical parts
- containers (cans, buckets, etc.)
- lumber (siding, cabinets, shingles, etc.)

Any waste that has been in contact with petroleum products such as:
- storage tanks
- containers, filters (oil, etc.)
- pipes
- mechanical/machine parts
- soil
- absorbent (vermiculite)
- concrete
- paper towels and rags

Any waste that has been in contact with friable asbestos material such as:
- pipe insulation
- broken/chipped floor tiles
- asbestos-cement products that have been crumbled/pulverized
- friable asbestos containing material
- roofing material that has been cut with a saw

Any waste that has been in contact with Polychlorinated Biphenols (PCBs) such as:
- transformers
- capacitors
- electrical components
- lighting ballasts
- any waste that has come in contact with any liquid-containing PCBs

Any waste that has been in contact with solvents (industrial plants, chemical plants, laboratories, construction sites, etc.) such as:
- caulking compounds
- paint thinner
- containers (packaging)
- pipes
- filters
- vats
- pumps
- adhesives
- mechanical/machine parts (valves)
- cement
- cabinets (shelves)
- flooring (wood, carpet)
- tar
- soil
- glazing compound
- storage tanks
- absorbent

Any waste that has been in contact with preservatives (pentachlorophenol and creosote) such as:
- railroad ties
- utility poles
- soil
- containers
- any mechanical part used in manufacturing processes

Any waste that has been in contact with pesticides/herbicides such as:
- containers (packaging)
- vats
- soil
- concrete
- mechanical/machine parts
- wood (storage area)
- any equipment used for application

Miscellaneous waste such as:
- lamps (mercury)*
- unpolished fiberglass (Bondo)
- liquid waste (paint, paint thinner, etc.) and containers (paint cans, etc.)
- solid waste which may contain a waste or substance determined by DHEC to be unacceptable
- caulking tubes

* Fluorescent lamps and high intensity discharge (HID) lamps such as metal halide and mercury vapor lamps.