

NARI Circle of Good Remodeling Project Recycling Toolkit



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Circle of Good Project Overview:

In 2007, the Outreach Committee of the Atlanta Chapter of NARI created the Circle of Good deconstruction and recycling program to assist contractor members in learning how to reduce the amount of waste they send to landfills from their renovation projects. The committee recognized that the members of NARI have the ability as well as the responsibility to reduce the amount of waste we create and redirect usable materials to appropriate agencies and companies for reuse and recycling.

Three contractor members participated in the pilot for this program. Pinnacle Custom Builders, Atlanta Design and Build, and Summers and Sons each chose a project to test out theories and assumptions on recycling which provided valuable information for this report.

Each participating contractor prepared waste management plans and worked with a wide range of companies and non-profit agencies to recycle materials that otherwise would have ended up in a landfill. Information gathered from these pilot projects has been collected in this toolkit to provide all Atlanta Chapter members with assistance in developing their own recycling programs for their companies.

This toolkit includes:

- Contact information for a wide range of for profit and non-profit organizations that can serve as resources for used building materials as well as provide services for recycling products that can not be reused.
- Web sites with additional information on recycling
- Sample waste management plan. This document is intended to be altered as necessary by each company to fit their particular needs, and as required for any particular project.
- Sample contract clauses to be included in agreements with trade contractors to encourage them to assist in recycling efforts

This toolkit is intended to be a dynamic document that will be updated periodically to include new resources as they become known to the chapter. Please address any questions or new resources to:

Carl Seville



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Outline Site Waste Management Plan

(Adjust as appropriate for your particular project)

NOTICE: We recycle materials on this jobsite. All workers must separate and store materials for recycling according to the lists below in locations designated by the project manager. If you are not sure if something can be recycled, you must ask the project manager.

Store for Reuse, Sale, or Donation – Each material type must be kept separate:

- Whole Brick – Store carefully for cleaning and reuse
- Lumber scraps over 3' long
- Cabinets, counters, windows, light fixtures, plumbing fixtures
- Panel doors, glass doors, and window sashes
- Wood flooring – remove as carefully as possible for reuse
- Appliances

For On Site Grinding – Each material type must be kept separate:

- Broken brick and block
- Unpainted Lumber scraps less than 3' long
- Old toilets, damaged solid porcelain plumbing, and Ceramic Tile debris
- Clean drywall (cover to keep dry)
- Cardboard (cover to keep dry)

For Hauling to Off Site Recycling or Disposal - Separate dumpster with plywood panels between different materials:

- Broken brick and block
- Dry Concrete
- Unpainted Lumber scraps less than 3' long
- Old toilets, damaged solid porcelain plumbing, and Ceramic Tile debris
- Metals
- Clean Drywall
- Cardboard

Store on site in trash bin or dumpster for disposal:

- Painted scrap lumber
- Plaster and old drywall
- Foam boards and packing materials
- Insulation

Recycling Bin:

- Drink cans and bottles

Covered garbage can:

- Food waste and packaging

Recycling Resources

On and Off Site Grinding and Recycling:

- Patterson Services 404-505-0522 Cynthia Poselenzny
<http://www.packer2000.com>
On site grinding
Can supply dumpsters and haul products to their own yard for recycling
Dumpsters need to be single product or if mixed, must be clearly separated with plywood between products (lumber and new drywall scraps for example)
Can include some trash if bagged and easily removable
Can also have concrete removed and recycled

On Site Grinding and Hauling:

- Crestco
John Rimondi 404-392-4075
JCR242@aol.com
- Gourmet Grind
Ben Nelson (770)-720-1981
<http://www.gourmetgrinding.com>
- Ground Up
Jeff Grantham 678-429-3833
- Related Recycling
Eric Wright (706)224-1601

Salvage Companies: Individuals who accept surplus building materials for resale. They will haul off certain items at no charge if they can use them – call to discuss specifics

- Groovy Architectural
Michael McCannon
404-558-1065
- Steve Carr
678-886-8666
- Timothy Zins
404-353-0460

Non Profits:

- Home Resource Exchange
404-627-4304 –
 - They accept cabinets, some doors, other building materials, call to discuss
 - They will send a truck to pick up, call to schedule
- Atlanta Habitat for Humanity Restore
http://www.atlantahabitat.org/restore_donate.asp
404.525.2114
 - Call to discuss what products they will accept and if they will pick up; appliances newer than 7 years, new or excellent building materials, lighting, plumbing, cabinets, etc. Schedule pickups 10 days in advance
- Furniture Bank 404-355-8530 <http://www.furniturebankatlanta.org/donate.html>
No building materials, only furniture in usable condition
- Atlanta ToolBank 404-880-0054 <http://www.toolbank.org> - Accepts (no pickups, drop offs by appointment) Uncut lumber, appliances, cabinets, some plumbing, unopened paint, drywall mud unopened, plywood, osb, etc full sheets, doors, maybe some other products, call to confirm that they have space, good quality carpet barely used, ceramic tile, tools
- Thrift Ministry 404-588-4012
<http://www.atlantaunionmission.org/ThriftGuidelines.htm> – Accepts kitchen appliances, washers, dryers, water heaters, window AC units, lighting, metals
- FODAC – 770-491-9014 www.fodac.org Accepts some household goods, used medical equipment, etc. They may be able to pick up large items, call for details.

For Profits:

- Home Improvement Superstore
 - 990 Brady Ave., Atlanta, GA 30318
404-607-0080
Accepts items such as toilets, cabinets, doors, windows, plumbing fixtures, molding, electrical and plumbing supplies, mantels, some appliances, and flooring. Will pick up large quantities (call for determination).
- Atlanta Salvage Outlet
 - 1034 Howell Mill Rd. NW, Atlanta, GA
30318 404-873-4416
Accepts antique, residential building materials in excellent condition (e.g., claw-foot tubs, mantels, doors). No consignment. No pickup.
Items must be brought to store for evaluation.

Other Recycling Options:

- Elizabeth Workmaster 404-524-9214; eworkmaster@hotmail.com Takes old window sashes and panel doors for art projects. She can pick up at jobsite, call to discuss specifics. Any kind of house trim and flooring as well as windows
- Blaze Recycling www.blazerecycling.com – accept appliances and other metals, they pay if total is over 500lb. Locations in Norcross, Griffin, Gainesville
- Cobb County Recycling Center – <http://solidwaste.cobbcountyga.gov/recycle.htm>
Appliances only
- 1-800 Got Junk (468-5865) www.1800gotjunk.com They provide trash removal and recycle metals, electronics, and household goods when they can. Schedule service by phone or on their website. For additional information their local rep is:
Todd Beaver
(404) 367-5500
todd.beaver@1800gotjunk.com
- Round and Round Recycling
Michael Wall
770-592-1039
Regularly scheduled and special pickups – call to discuss

Other Resources:

- Landscapers or suppliers may accept old brick and stone
- Craig's list
- Independent Scrap haulers – cardboard, metals, etc.
 - 404-399-3474 (Sign on street for appliance and scrap metal hauling)
- Legacy Wood Products (706) 769-0020- accepts heart pine for remilling, call to discuss details

Carpet Recycling:

- Installers and dealers will take back carpet and pad for recycling
- Bob Peoples [bpeoples@carpet-rug.org] They can accept large quantities of carpet and pad less than 10 years old. Contact for more info.

Web Resources:

Pollution Prevention Assistance Division (P2AD) State agency responsible for reducing pollution: http://www.p2ad.org/documents/cd_home.html

ToolBase Construction Waste Management Web Page:
<http://www.toolbase.org/ToolbaseResources/level3.aspx?BucketID=5&CategoryID=26>

NAHB Green Building Guidelines:
http://www.nahbrc.org/greenguidelines/userguide_resource_recycle.html

EPA Waste Reduction Strategies: <http://www.ilsr.org/recycling/buildingdebris.pdf>

EPA Deconstruction and Reuse Web Page:
<http://www.epa.gov/epaoswer/non-hw/debris-new/reuse.htm>

Waste to Wealth Deconstruction Publications:
<http://www.ilsr.org/recycling/decon/deconpublications.html>

Sample contract clause on recycling requirements for subcontracts:

Our company recycles demolition and construction debris. You and your staff are responsible for separating recyclable material from garbage and placing it in designated locations on each jobsite as directed by the project manager for each job.

Additionally, all food garbage must be placed in covered trash bins, and all plastic bottles and aluminum cans must be emptied and placed in recycling bins at the end of each workday.

NOTE: This is not intended to be legal advice. You should review any changes to legal documents with your attorney.

Patterson Industries Recycling Options and Instructions

404-505-0522

| Material |  | What Not to Recycle |
|-----------------------|---|--|
| Cardboard | Cardboard Staples OK | No Cardboard covered more than 50% with paint, mud, etc No Plastic, Foam, or other Packaging |
| Wood | Pallets, Cutoffs, Wood Scraps, Plywood, OSB, Particle Board, Wood Packaging Other Untreated Wood Nails OK | No Treated Wood No Contaminated Wood (Painted) Remove Banding and Large Bolts, Plastic or Other Contaminates |
| Metal | Scrap Metal All Types Painted Metal Is OK | No other materials attached to the metal |
| Gypsum Wallboard | Sheetrock and Gypsum Wallboard | No Painted or Papered, No Laminated |
| Concrete | With rebar ok | No Dirt No Wet Concrete |
| Block & Brick | OK Painted OK | No other materials attached to it |
| Asphalt | OK | No Dirt |
| Lunchroom Recyclables | Aluminum Cans | All other in trash Container |
| Office Paper | White or Colored (staples and paperclips ok) | No Waxed paper, Beverage Cups, Food Wrapping, Pizza Boxes, paper plates or napkins |