



City of Scottsdale
Green Building Program
CONSTRUCTION DEBRIS REUSE AND RECYCLING
October 2005

Material Reuse

By reusing materials on-site, donating and/or selling salvageable items, you can cut waste costs and reduce material expenses. Determine the savings and cost of reusing, donating, and/or selling salvageable materials. The following are just a few of the materials that can be salvaged and/or donated locally:

Appliances, block, bricks, carpeting, doors, flooring, lighting fixtures, metal framing, pipes, shelving, tile, windows, bathroom fixtures, cabinets, dimensional lumber, ductwork, insulation, marble, paneling, OSB & plywood, siding, trim, wood beams.

Job Site Recycling

Recycling construction materials helps save money by cutting disposal costs. It also reduces waste going to the landfill and attracts clients who value environmental responsibility. Other benefits include a cleaner, safer site and improved community relations. In Scottsdale alone 26,438.27 tons of waste was recycled in the year 2001¹. Follow these steps to set up a successful, cost-effective recycling program for your jobsite:

- Decide what materials will be recycled on the project and determine which wastes subcontractors will be responsible for recycling.
- Designate someone to be responsible for implementing and monitoring a waste disposal and recycling program.
- Include requirements for on-site recycling in all project documents and subcontracts.
- Clearly designate the recycling bins. Post lists of what is and what is not recyclable.
- Place garbage and recycling bins near each other, and close to the point of waste generation but out of the traffic pattern.
- As a means to prevent contamination of the recycling bins, consider placing the general trash container closest to the construction site. Or consider locking the recycling bins or locating them in a locked area.
- Discuss waste handling requirements with crew and subcontractors prior to beginning a project.
- Periodically check bins for contamination and check the wastes in the garbage dumpsters to see if recyclables are being thrown away.

¹ Arizona Department of Environmental Quality [ADEQ]. (2001). *ADEQ's FY 2001 Waste Programs Report*. ADEQ: Phoenix, AZ.

Material Reuse Outlets

- Stardust Building Supplies (2 locations)
4240 W. Camelback Road 1720 W. Broadway, Suite 101
Phoenix, AZ 85019 Mesa, AZ 85202
(602) 424-1575 (480) 964-2212
Contact – Chad Carlton Contact – Shannon Carlton
Non-profit that operates a store open to the general public for new and used building materials. Proceeds are used to repair, build and renovate housing for families in need throughout the Valley. Accept any building materials or products that would not be considered a hazardous waste. Builders including, Del Webb, SunCor, and GlenAlden Homes, donate excess and slightly damaged building materials to Stardust. Call for more information.
- Habitat for Humanity Discount Home Improvement Center
115 E. Watkins (on Central south of I-17), Phoenix, AZ
602-268-4266, 602-268-9022
www.habitataz.org
This is a nonprofit retail business selling surplus new and used building and home improvement materials to the general public. All merchandise is sold at fifty per cent or more below retail value. Proceeds are used to provide homeownership opportunities to low-income families.
- The Eco-Logic Foundation, Inc.
5025 North Central Avenue #163 Phoenix, AZ 85012
(602) 997-1900 Contact – Linda Eales
The Eco-Logic Foundation, Inc. acts as a collector of and clearinghouse for reusable building materials and manages the distribution of the goods to local charities and non-profit organizations. Call for more information.
- The Arizona Resource Exchange
www.azrex.org
A web-based material exchange system that is similar to E-bay. AzRex users can post materials for exchange or search the site for items they need.
- Earth 911
7301 E. Helm, Bldg D Scottsdale, AZ 85260
Phone: (480) 889-2650 Fax: (480) 889-2660
<http://arizona.earth911.org/usa/master.asp>
Online resource tool with lots of information about recycling and good environmental stewardship and eco-friendly products. A Search engine is also available to help with the location of facilities and services for many different recycling services, green products and information.

Material Recycling Outlets

1. General Recyclers

- ABCO Recycling and Waste Management Services
9637 N. Cave Creek Rd. Phoenix, AZ 85020-2117
(602) 943-9676 Contact – Charlotte D’Andrea
Cardboard and paper. buyback various types of non-ferrous metals if delivered.
Call for specific information and services.
- Arizona Environmental Recycling
3501 Northwest Grand Ave. Phoenix, AZ 85019
(602) 246-0923 Contact – Phyllis Hinson
Cardboard, paper, and various types of non-ferrous metals. Call for specific
information and services.
- Arizona Pacific Pulp & Paper, Inc.
302 S. 28th St. Phoenix, AZ 85034
(602) 220-9200 Contact – Bill Toby
Cardboard, paper, and aluminum cans. Call for specific information and services.
- Champion Waste and Recycling
2550 W. Coronado Phoenix, AZ 85009
(602) 353-9411 Contact – Ted Thompson
Cardboard and paper and aluminum cans. Commercial services include all
metals, plastics (no. 1 & 2), and others upon request. Call for specific information
and services.
- Friedman Recycling
3640 W. Lincoln St. Phoenix, AZ 85009
(602) 269-9324 Contact – David Friedman
Cardboard and paper, Aluminum Cans, Plastics (no. 1 & 2). Call for specific
information and services.
- McKinley Paper Company
425 S. 15th Avenue Phoenix, AZ 85007-3397
(602) 252-7484 Contact – Mark Balser
Cardboard and paper, aluminum cans. Plastics by account only. Call for specific
information and services.
- Weyerhaeuser
301 S. 30th Street Phoenix, AZ 85034
(602) 302-6942 Contact – Laura Andrejko
Cardboard and paper, large volumes by contract (1 ton/month). Aluminum cans,
plastics (no. 1 & 2). Call for specific information and services.

2. Lumber

- Ifco Systems
250 S. 59th Avenue Phoenix, AZ 85043
(602) 278-2700 Contact – Ted Shepherd
Wood waste recycler & palette recovery. Call for specific information and services.
- Horizon Recycling
3330 W. Broadway Road Phoenix, AZ 85041
(602) 268-8849 Contact – Daniel Musgrove
Wood waste recycler. Call for specific information and services.

3. Metal Only

- American Metals Co.
740 W. Broadway Mesa, AZ 85210
(480) 834-1923 Contact – Craig Kennedy
Various types of scrap metal. Call for specific information and services.
- Arizona Scrap Iron & Metal, Inc.
4333 S. 7th Ave. Phoenix, AZ 85022
(602) 252-8423 Contact – Mike Galan
All types of metal. Call for specific information and services.
- Davis Salvage Co.
3337 E. Washington St. Phoenix, AZ 85034
(602) 267-7208 Contact – Dave Barker
Various types of metal. Call for specific information and services.
- Glendale Iron and Metal
6210 N. 55th Ave. Glendale, AZ 85301
(623) 931-3701 Contact – Kraig Kosier
Aluminum Cans. For commercial projects all metals are accepted and plastics (no.1 & 2). Call for specific information and services.
- Phoenix Metals
3210 S. 19th Avenue Phoenix, AZ 85009
(602) 253-3275 Contact – John Semkow
Various types of metal. Call for specific information and services.
- Phoenix Metal Trading, Inc.
610 S. 19th Avenue Phoenix, AZ 85009

(602) 257-4660 Contact – Barry Tuttleman
Various types of metal. Call for specific information and services.

- Arizona Recycling Corporation
400 S. 15th Avenue Phoenix, AZ 85007
(602) 258-5323 Contact – Sal Bova
Various types of metal. Call for specific information and services.

4. Carpet and Carpet Padding

- A-1 Planet Recycling
201 W. Hilton Phoenix, AZ 85003
(602) 258-5600 Contact – Paul Santantonio
Construction left overs only. Roll-off. Call for specific Information and services.
- Waste Not Recycling Centers
1702 S. 19th Avenue Phoenix, AZ 85009
(602) 252-7712 Contact – David Lafountain
All types of new and used carpet and foam padding. Call for specific information and services.

5. Other Material Recyclers

- Western Organics Lawn and Garden Supply, Inc.
2807 S. 27th Avenue Phoenix, AZ 85009
(602) 278-6703 Contact – Lloyd Porter
Green waste (no palm fronds, preferable chipped), gypsum wallboard (no nails or screws), and manure. Call for specific information and services.
- Apache Reclamation & Electronics, Inc.
313 W. Apache St. Phoenix, AZ 85003
(602) 254-0613 Contact – Darin Holt
Various types non-ferrous metals and electronics (including test equipment). Call for specific information and Services.

The City of Scottsdale Green Building Program was established in 1998 as a voluntary builder program to reduce the environmental impact of building. The concept of green building involves a whole-systems approach, which uses design and building techniques to minimize environmental impact and reduce energy use while improving the health of its occupants. Scottsdale's program rates homes in the areas of site, energy, building materials, indoor air quality, water, and solid waste. The program offers development process incentives to influence builder design and product choices.

For further information, please call 480-312-7080 or visit our website -
www.scottsdaleaz.gov/greenbuilding