

Construction and Demolition

Recycling Guide



Why Recycle?

Recycling the debris generated by construction, demolition and renovation projects saves natural resources and can improve your project's bottom line.

Natural Resources

Recycling conserves our precious – and increasingly rare – raw materials, such as concrete, dirt, trees, metals and water. If you have to demolish a structure, consider salvage and deconstruction to preserve fixtures, concrete and wallboard.

Landfill Space

As the region grows, recycling construction and demolition materials is vital to preserving landfill space. Most construction debris found in landfills could have been recycled.

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Water and Energy

Producing products from recycled material uses up to 50 percent less energy and water than the alternative. You can also conserve by choosing water and energy efficient appliances for remodels and new home construction—lowering operating costs over the life of the building.

Pollution

Less energy is used to make the same products from recycled materials than from virgin material—that means less air and water pollution.

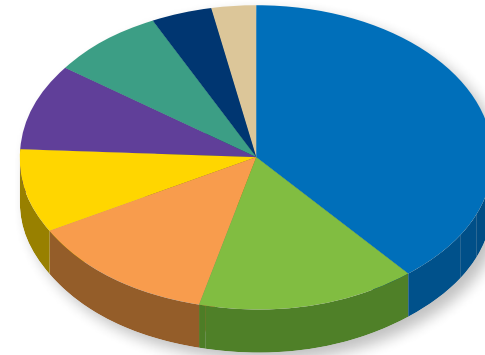
Jobs

Recycling creates long-term jobs and improves the economy. Each 10,000 tons of debris generated creates 10 jobs at a materials recovery facility and 25 jobs at a recycling processor. In comparison, sending the materials to a landfill creates only one job.

It's the Law

State law requires all construction projects to recycle at least 65 percent of debris generated. Materials commonly prohibited from going in the trash include: ASPHALT, CARDBOARD, CONCRETE, DIRT, ROCK, SAND and BRUSH.

Construction Materials going in the *Landfill* that should be *recycled*:



● Lumber	39%
● Composite/Inerts/Other	15%
● Cardboard	13%
● Carpet	9%
● Rock, Soils, Fines	9%
● Asphalt Paving & Roofing	8%
● Gypsum Board	4%
● Concrete	3%

Source: California 2008 Statewide Waste Characterization Study



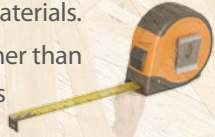
Stop Waste... Before it Starts

Have a Waste Management Plan

Before you start, identify what materials are used in your project. Work with your contractor, hauler or recycler to determine what materials should be separated for recycling.

Reduce Waste ... Use Less

- Be precise! Measure twice, cut once.
- Use standard size materials.
- Choose durable rather than disposable products and tools.
- Use green building and energy efficient practices and products for construction, operation and maintenance.



Reuse Materials

- Consider remodeling or retrofitting existing buildings for new use.
- Instead of demolition, consider salvage and deconstruction. Some companies even offer tax deductions for salvaged materials to offset the cost of deconstruction.
- List salvaged items on websites (i.e. freecycle or Craigslist) or donate to businesses that resell used building materials. Tax deductions may be available for donations.
- Use salvaged products or products made from recycled materials.

In Carlsbad We Recycle! *Tips for a successful plan:*

- ✓ Appoint an onsite recycling supervisor.
- ✓ Require subcontractors to participate in your recycling program.
- ✓ Consider deconstruction and salvage.
- ✓ Sort materials by type. Place signs on bins indicating recyclable materials.
- ✓ Educate all workers on the project to keep plastic bags and film, caulking tubes and other trash out of recycling bins.
- ✓ Place recycling bins in a location that will prevent contamination or misuse by the public. Even a small amount of trash can make the entire load unacceptable for recycling.

Clean Loads Save You \$\$\$!

Check with your hauler and recycler to be sure you know what clean loads are.



Recycling Saves Money

- Haulers generally charge less for recycling metal, concrete and clean wood than for normal trash collection.
- You can also use a scrap metal dealer or concrete facility for recycling collection.
- By diverting debris from trash bins into recycling bins, you can reduce your trash bin size and the number of weekly collections.
- Extra time spent separating materials usually costs less than landfill fees.

DECONSTRUCTION is the careful removal of materials from structures to recover valuable building resources. Deconstructed materials can be sold to salvage companies, which eliminates landfill disposal fees.

SALVAGE is using and saving reusable items, including doors, hardware, appliances and fixtures (preferably before construction begins to avoid damaging anything). These items are often rare like old-growth lumber or antique fixtures.

Deconstructed materials can be sold to salvage companies, which eliminates landfill disposal fees.

For more information contact the Building Dept. 760-602-2700



Recycling & Proper Disposal

It's the Law

Recycling Construction Material

On April 22, 2014, the City of Carlsbad adopted the California Green Building Standards Code (CALGreen) with the passing of Ordinance CS-245. CALGreen requires that 65 percent of the waste from construction and demolition projects be diverted from landfills per Sections 4.408.2, 4.408.3 or 4.408.4 of the code. Documentation is required per Section 4.408.5.

CALGreen requires that **65 percent** of the waste from construction and demolition projects be diverted from landfills.

Does the construction and demolition recycling requirement apply to my project?

To find out the specific requirements for your project, contact the City of Carlsbad Building Department at 760-602-2700. You may also research the CALGreen code at www.bsc.ca.gov/home/calgreen.aspx.

State Law: CALGreen Standards

Effective January 2011, CALGreen became part of the State of California's new building standards.

- Projects of all sizes must divert at least 65 percent of waste from new construction projects.
- CALGreen requires builders/owners to complete a waste management plan.
- This plan should be developed before construction begins.
- Project managers should use the project's planning phase to estimate materials that will be generated and identify diversion strategies for those materials.



Hazardous Waste Disposal

Hazardous waste cannot be disposed of in the trash. There are affordable, safe and legal disposal options for hazardous waste for residents and businesses in Carlsbad.



Residential disposal: up to 125 lbs. or 15 gallons

Stericycle Collection Facility

1145 East Taylor St.
Vista, CA 92084
800-714-1195
Saturdays 9 a.m. – 3 p.m.
No appointment necessary 800-714-1195

Waste Management Recycling Facility

2880 Industry St.
Oceanside, CA 92054
Alternating Saturdays 9 a.m. – 1 p.m.
By appointment only 760-929-9400

Business disposal:

Contact the County of San Diego Hazardous Materials Division
1-800-253-9933

Build Smarter...Build Green

Each of us has a stake in preventing pollution and preserving resources for future generations. Buildings have a tremendous impact on the environment, both during construction and throughout their operation. "Green" building is a strategy of land-use, building design and construction activities that reduce environmental impacts. Benefits of building green include reduced energy use, protection of ecosystems and improved occupant health. Green building reduces emissions and dependence on natural resources such as trees, oil and minerals. For more information go to www.bsc.ca.gov/home/calgreen.aspx.

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Recycling Centers

Key: B = Buy Back D = Donation F = Fee

	Other Otro	Asphalt Asfalto	Bath Fixtures Articulos Accesorios de Baño	Carpet/Carpet Padding Alfombra/Relleno de Alfombra	Clean Fill Tierra Limpia	Concrete Cemento	Doors Puertas	Insulation Aislamiento	Lumber Madera	Scrap Metals Trozos de Metal	Rock Piedra	Salvage Materials Materiales de Salvamento	Sand Arena	Tile Baldosa	Windows Ventanas	Wood Pallets Caizo de Madera	Yard waste/Brush Desperdicio de Yarda/Matorrales
Duco Metal Yard , 1342 Simpson Way, Escondido, CA 92029 760-747-1266	No Sheet Metal or car bodies									FB							
Escondido Disposal , 1044 W. Washington Ave., Escondido, CA 92025, 760-745-3203																	F
Escondido Recycling Yard , 1350 W. Mission Rd., Escondido, CA 92025, 760-745-4832										B							
Escondido Sand & Gravel / Escondido Materials , 14080 San Pasqual Valley Rd, Escondido, CA 92027, 760-432-4690	Drop-off On-site crushing	F				F											
Habitat for Humanity , 837 N. Metcalf St., Escondido, CA 92025 619-516-5267 ext. 3			D				D							D	D		
Ramco Inc. , 8354 Nelson Way, Escondido, CA 92026 760-205-1797	On-site crushing with appt.	F				F					F		F				
Skyline Recycling , 538 N. Quince St., Escondido, CA 92025 760-741-5236										B							
SANCO Resource Recycling , 6750 Federal Blvd., Lemon Grove, CA 91945, 619-287-7555	Call first, other locations accept mixed debris	F	F			F	F	F	F	F	F	F	F	F		F	
Agri-Service (El Corazon Composting Facility) 3210 Oceanside Blvd., Oceanside, CA 92056, 760-439-9920	Drop-off No palms, bamboo, cactus, yucca, or dirt. Clean lumber only.								F							F	F
Ben Recycling & Scrap Metal , 395 Via Del Monte, Oceanside, CA 92054, 760-967-0575										BD							
Evergreen Nursery , 3231 Oceanside Blvd., Oceanside, CA 92054, 760-754-0340																	F
Moody's Recycling , 3210 Oceanside Blvd., Oceanside, CA 92054 760-631-4885		F			F	F					F		F				
DFS Flooring , 10178 Willow Creek Rd., San Diego CA 92131 848-630-5128	Call first			F													
Hanson Aggregates , 9229 Harris Plant Rd, San Diego, CA 92145, 858-715-5600		F				F											
EDCO Construction, Demolition and Inert (CDI) Recycling Facility , 224 S. Las Posas Rd., San Marcos, CA, 760-744-2700		F			F	F			F	F	F			F			
Superior Ready Mix , 28584 N. Twin Oaks Valley Rd. San Marcos, CA 92069, 760-745-0556		F				F											
Lee's Iron & Metal , 1315 Lee Dr., Vista, CA 92083, 760-724-1330										BD							
Quality Recycling , 149 Nettleton Rd., Vista, CA 92083 760-724-3623, 619-795-7326 (RECO)	Drop-off Propane Tanks									BD							
Reconstruction Warehouse , 650 Hancock Street, San Diego, CA 92110, 619-795-7326 (RECO)	Call first		D				D		D					D	D		

Always call ahead to confirm hours of operation and assure acceptance of materials you wish to recycle. Some facilities may have reduced or expanded the types of material they take. Make sure you find out the terms and conditions that are required for each material.

For items not listed including paint, motor oil, televisions, etc. please call **1-877-R-1-EARTH**
Con lo relacionado a los articulos no listados incluyendo pintura, aceite de motor, televisores, etc., llame al **1-877-R-1-EARTH**



Keep Our Water Clean

The City of Carlsbad is committed to working with you to protect our natural resources. At construction sites, this can be done by identifying potential sources of pollution, taking proactive steps to prevent pollution and implementing appropriate Best Management Practices (BMPs). These actions will help prevent illegal discharges of debris, including soil and hazardous materials from entering the storm drains and ultimately our creeks, lagoons, and oceans.

The City of Carlsbad is committed to working with you to protect our natural resources.

Stormwater for Construction and Demolition Best Management Practices

- When possible, schedule demolition, grading and excavation activities for dry weather.
- Designate protected staging areas for materials, including soils and hazardous materials, away from storm drains.
- Keep materials covered with a tarp or plastic sheeting to shield them from wind or rain and to prevent run-off.
- Use dry clean up methods, such as sweeping and vacuuming whenever possible.
- Never bury waste. Contact your hauler for proper disposal of wastes and recyclable materials.
- Install storm drain inlet protection during construction.

For more information or to report stormwater pollution, call the Storm Water Hotline at **760-602-2799**, or visit www.carlsbadca.gov

