



**CONSTRUCTION  
AND  
DEMOLITION**

**RECYCLING  
AND REUSE  
PROGRAM**







# OC Waste & Recycling Construction & Demolition Program

300 North Flower Street, Suite 400, Santa Ana, Ca 92703  
Program Office 714-834-4165 Fax 714-834-4001

## CONSTRUCTION AND DEMOLITION WASTE REDUCTION AND RECYCLING APPLICATION

### \*\*Diversion Requirement 50%\*\*

Please complete the following form for construction and demolition materials produced as a result of the proposed construction / demolition project. Should you have any additional question please call OC Waste & Recycling at (714) 834-4000.

Job Site Address: \_\_\_\_\_

Property Owner / Business Name:			
Address:	City:	State:	Zip:
Email (optional):		Phone:	

Contractor:			
Address:	City:	State:	Zip:
Email (optional):		License Class / Number	Phone:

DESCRIPTION OF WORK			
<b>Total Project Valuation: \$</b>		<b>Total Project Square Footage:</b>	
<b>DEMOLITION</b>		<b>CONSTRUCTION</b>	
<b>Estimated Total Tonnage:</b> <i>(Use the included Conversion Worksheet to determine total tons)</i>		<b>Estimated Total Tonnage:</b> <i>(Use the included Conversion Worksheet to determine total tons)</i>	
<i>Start Date:</i>	<i>End Date:</i>	<i>Start Date:</i>	<i>End Date:</i>
<b>Exemption (please state the exemption):</b>			

**\*\*\*For County of Orange use only\*\*\***

Comments			
<b>Permit Number:</b>			
<b>Plan Approval Status:</b>		<b>Original Estimated Tonnage:</b>	
<input type="checkbox"/> Approved- Compliant	<input type="checkbox"/> Denied	<input type="checkbox"/> Fine: \$ _____	<b>Total Recycled Tonnage:</b>
<input type="checkbox"/> Approved- Good Faith Effort			<b>Total Percentage:</b>
<b>Reviewed By:</b>		<b>Date:</b>	

2. **Demolition** (Fill out the table below using the industry standard conversion factors based on project type.)

Demolition Materials Handling Estimate							
Permit Type	Square footage	Lbs./sq. ft	Total Waste Generated (A)	Reused (B)	Recycled or Salvaged (C)	Disposed in Class III Landfill	Proposed Destination
Demolition (incl. foundation)							
Grading Permits only:							
Export of Soil	(cy)						
Green Waste	(cy)						

Estimated Diversion Rate:  $\frac{(B) + (C)}{(A)} \times 100 = \text{_____} \%$

List materials to be recycled or reused. (Include estimated quantities)

2. **Construction** (Fill out the table below using the industry standard conversion factors based on project type.)

Demolition Materials Handling Estimate							
Permit Type	Square footage	Lbs./sq. ft	Total Waste Generated (A)	Reused (B)	Recycled or Salvaged (C)	Disposed in Class III Landfill	Proposed Destination
New Construction							
Remodeling							

Estimated Diversion Rate:  $\frac{(B) + (C)}{(A)} \times 100 = \text{_____} \%$

3. **Recycling/ Reuse / Disposal Facilities/Franchised Waste Haulers:** Please indicate the facilities that you propose utilizing to dispose your unwanted materials. **See attached list of County-Approved Facilities or Haulers.**

Facility Name	Phone Number	Material Type	Estimated Total

4. **Verification:**

I certify, under penalty of perjury, that these estimates are true and, to the best of my knowledge, the tonnage and diversion percentage estimates reported on this form are my best estimate of the disposition of the construction and demolition material generated at this project site.

I understand that these materials must go to a County-Approved C&D Processing Facility or be removed by a Franchised Waste Hauler, and the required receipts returned to the County indicating that the materials came from "County Unincorporated Area," and that I must comply with the 50% diversion requirement or pay a fine of up to 25% of the value of the project. Receipts must include either tons, cubic yards or truck size and number of loads.

Additionally, I have been advised that new projects must meet the requirements of the California Green Building Standards Code and I will comply with the mandatory requirements for material conservation and resource efficiency if applicable. I understand, if fined, the fine must be paid prior to the issuance of the Final Certificate of Occupancy.

Print Name: \_\_\_\_\_ Owner/Agent/ Other: \_\_\_\_\_

Signature: \_\_\_\_\_ Date Signed: \_\_\_\_\_



# OC WASTE & RECYCLING

## Construction & Demolition Program Fact Sheet

300 North Flower Street, Suite 400, Santa Ana, Ca 92703 Fax 714-834-4057

### **Diversification Requirements**

- ◆ 50% of total estimated debris must be recycled using a County-Approved Facility or Franchised Waste Hauler.

### **Covered Projects**

- ◆ Projects requiring any building, construction or demolition permit that do not qualify for an exemption.

### **Exemptions**

Work for which only a plumbing, electrical, or mechanical permit is required based upon information provided by the applicant.

1. Residential pools, spas and retaining walls.
2. Seismic tie-down projects.
3. Installation of pre-fabricated patio enclosures and covers where no foundation or other structural building modifications are required.
4. Installation of pre-fabricated accessories, such as signs or antennas, where no structural modifications are required.
5. Construction, demolition, or renovation projects that are less than 150 square feet in size.
6. Construction, demolition, or renovation projects that have a valuation of less than \$10,000.
7. Construction or renovation projects that involve only the replacing of a roof.
8. Aerial Utilities.
9. Dewatering.
10. Drain Lines.
11. Emergency Repairs (Utility/Road/Flood).
12. Entrapment/Temporary/Fencing.
13. Permits requested for John Wayne Airport.
14. Monitoring Wells.
15. Newport Tidelands (Docks including pier construction).
16. Non-Storm Water Discharge.
17. Potholing.
18. Refuse Containers.
19. Placement of Signage.
20. Soil Boring.
21. Stockpiling/Storage.
22. Sunset Beach Docks/Encroachment.
23. Water Diversion.
24. Other exemptions as identified by, and with the concurrence of, the Directors of OC Planning and OC Waste & Recycling.

### **Approved Facilities & Franchised Waste Haulers**

- ◆ Facilities or Franchised Waste Haulers that appear on the provided list of “approved facilities and franchise waste haulers” are facilities that the County has determined utilize best management practices that meet industry standards relating to the proper recycling and diversion of appropriate materials. Utilizing one of these facilities will assist in the compliance of this policy.

### **Administrative Fee**

- ◆ A \$25.00 administrative cost-recovery fee will be collected for all covered projects. The application fee is based on costs related directly to staff time and materials for processing and reviewing each application.

### **Process for Compliance**

- ◆ Each applicant will be required to fill out the Construction and Demolition Waste Reduction and Recycling Application when applying for a permit.
- ◆ Upon completion of the recycling activity, the applicant will fax or mail copies of all receipts from the approved facility or County franchised hauler to OC Waste & Recycling C&D Policy at the above address or fax number.
- ◆ OC Waste & Recycling staff will reconcile the amount recycled and determine compliance.
- ◆ If applicant is deemed to be in compliance, no further action is required, and Certificates of Occupancy are issued as appropriate. If the applicant is deemed to be non-compliant, fines are assessed and must be paid prior to the issuance of any final Certificate of Occupancy.

### **Fines & Penalties for Non-Compliance**

- ◆ Applicants are subject to a fine of up to 25% of the total estimated valuation of the permitted project. Should the applicant fail to meet diversion policy requirements, a fine will be assessed and must be paid prior to the issuance of the final Certificate of Occupancy.

In cases involving multiple units or multiple Certificates of Occupancies, a determination of non-compliance will result in a maximum total of ten (10) percent, or at least one (1) unit, of the total permitted units not receiving final Certificates of Occupancy until the fine is paid or compliance is determined. The fines will be assessed using the tiered-rates below:

<b>Percentage of Debris Diverted</b>	<b>Non-Compliance Fine</b>
50% or above of total estimated weight diverted	N/A as compliance was achieved
30-49% of total estimated weight diverted	5% of total cost of project
11-29% of total estimated weight diverted	15% of total cost of the project
0-10% of total estimated weight diverted	25% of total cost of the project



# Construction & Demolition (C&D) Resolution

## Frequently Asked Questions

### **SECTION 1 – MINIMUM DIVERSION REQUIREMENT**

#### **Why do we have to divert 50% of construction and demolition?**

The Integrated Waste Management Act of 1989 (AB939) required cities and counties to reduce, by 50%, the amount of waste disposed of in landfills by the year 2000 and beyond or potentially incur fines of up to \$10,000 per day. This policy and ensuing program are designed to assist the County in compliance with this State mandate.

#### **How can the applicant reach the diversion requirement?**

The applicant can achieve diversion through re-use, recycling, or composting of Construction and Demolition (C&D) materials at County-approved facilities or use of a County Franchised Waste Hauler to ensure that materials such as concrete, asphalt, scrap metal, drywall, cardboard and other construction materials are managed appropriately.

### **SECTION 2 – APPROVED FACILITIES & FRANCHISED WASTE HAULERS**

#### **Why is the applicant required to use approved facilities or a Franchised Waste Hauler?**

County of Orange Franchised Waste Haulers and approved facilities that appear on the provided list have been determined to utilize best management practices that meet industry standards relating to the proper recycling and diversion of appropriate materials. Utilizing one of these methods will assist in the compliance of this C&D policy and program. The County of Orange does not endorse or recommend any method over the other.

### **SECTION 3 – EXEMPTIONS**

#### **Why are projects that are 150 square feet or less exempt?**

These are typically small scale projects that have been determined to generate minimal amounts of recyclable materials and provide little cost-to-benefit results.

#### **Why are projects with a valuation of less than \$10,000 exempt?**

This valuation has been determined to be an average cost for many small scale projects and have been determined to generate minimal amounts of recyclable materials and provide little cost-to-benefit results.

### **SECTION 4 – COVERED PROJECT THRESHOLDS**

#### **What types of materials are generated for covered projects?**

Covered projects generated in C&D activities include large quantities of material found in the general waste stream. For example, the C&D waste stream also includes corrugated cardboard from packaging, a variety of plastics (PVC pipe, packaging, etc), glass, and yard wastes from site work and clearing. Existing municipal recycling programs may be suitable for recovering these common materials. However, some of the other materials may need special handling, either as solid or as hazardous waste.

## **SECTION 5 – ADMINISTRATIVE COST OF RECOVERY**

### **Why do I have to pay a \$25.00 application fee?**

The application fee is based on an anticipated costs relating directly to staff time and materials for processing and reviewing each application.

## **SECTION 6 – FINES & FINAL CERTIFICATE OF OCCUPANCY PERMIT**

### **Why is there an “up to 25%” of the project valuation fine?**

This percentage is large enough to serve as an incentive to encourage the applicant to maintain diversion requirements for the project in question. If the applicant meets the diversion specifications, no fines are incurred and the final Certificate of Occupancy permit will not be held for lack of compliance with this C&D policy and program.

The issuance of the final Certificate of Occupancy permit will be issued by the County Planning and Development Services once the OC Waste & Recycling has determined compliance with all of its requirements including this policy. In the event that the applicant does not comply with this policy, a hold will be placed on the final issuance of the Certificate of Occupancy and will be removed once the fine is paid in full.

In cases where non-compliance is determined which involve multiple units or multiple Certificates of Occupancy, a maximum total of ten (10) percent, or at least one (1) unit, of the total permitted units will not receive final Certificates of Occupancy until the fine is paid or compliance is determined. The fines will be assessed using the tiered-rates below:

<b>Percentage of Debris Diverted</b>	<b>Non-Compliance Fine</b>
50% or above of total estimated weight diverted	0% of total cost of project
30-49% of total estimated weight diverted	5% of total cost of project
11-29% of total estimated weight diverted	15% of total cost of the project
0-10% of total estimated weight diverted	25% of total cost of the project

## **SECTION 7 – GOOD FAITH EFFORT DETERMINATION**

### **What does “good faith effort” mean and how is it determined?**

After OC Waste & Recycling staff completes its review of the returned receipts and documentation, a “good faith effort” determination could be rendered if the applicant clearly demonstrated an effort to completely comply with this policy. An applicant may qualify for a “good faith effort” designation on a project if the materials in question cannot be recycled for a reason beyond the applicant’s control.

Should this determination be made, OC Waste & Recycling staff may reduce the fine or waive it in its entirety. This determination will be made by the Director of OC Waste & Recycling or their designee through appropriate interaction and documentation by the applicant on an ad hoc basis.

**Recycling, Construction & Demolition Debris & Greenwaste Processors  
March 2008**

**Construction & Demolition Debris (also see Transfer Stations)**

<p><b>Dan Copp Crushing Corp.</b> Various locations throughout OC (714) 777-6400 Asphalt, concrete, and rebar. Call for sites. Clean concrete, asphalt, rebar and mesh. Mesh and rebar have to be sized (only in concrete). (Fee)</p>	<p><b>El Toro Materials Co.</b> Rocky Road at Portola Pkwy, Lake Forest (949) 458-7993 Asphalt, concrete. Call first. Broken concrete with rebar OK. Also takes asphalt. (Fee)</p>
<p><b>Ewles Materials</b> 8182 Katella Ave., Stanton (714) 894-0032 Asphalt, concrete. Clean concrete, asphalt, and sand. (Fee)</p>	<p><b>Ewles Materials</b> 16081 Construction Circle, Irvine (949) 552-6008 Asphalt, concrete. Clean concrete, asphalt, and sand. (Fee)</p>
<p><b>Ewles Materials</b> 32501 Ortega Hwy., San Juan Capistrano (949) 728-0436 Asphalt, concrete. Clean concrete, asphalt, and sand. (Fee)</p>	<p><b>Gruppo DiVerde, Inc.</b> 3117 W. Alpine, Santa Ana (714) 430-0023 Marble, granite- remnants &amp; cutoffs, crate plywood, scrap wood, wood packing crates, wood pallets, tables, 55 gal. plastic drums, plastic pallets, ceramic tiles, and used bricks. (Fee)</p>
<p><b>Hanson Aggregates</b> Various locations throughout OC (800) 300-6120 Asphalt and concrete. Call for sites. Clean concrete and Asphalt. (Fee)</p>	<p><b>RJ Noble</b> 15505 E. Lincoln Ave. at Batavia, Orange (714) 637-1550 Asphalt, brick, concrete, dirt, greenwaste, and wood. Clean Concrete, asphalt, dirt, sand, brick, and rock reclamation. (Fee)</p>
<p><b>Consolidated Volume Transporter (CVT)</b> 1131 Blue Gum, Anaheim (714) 238-3301 Appliances, asphalt, brick, carpet, concrete, dirt, drywall, flooring, glass, greenwaste, metal, plastic, rebar, and wood. No liquid or hazardous waste. Additional charge for tires, Refrigerators, A/C units. (Fee)</p>	<p><b>CR&amp;R Transfer</b> 11232 Knott Ave., Stanton (714) 895-7970 Appliances, asphalt, brick, carpet, concrete, dirt, drywall, flooring, glass, greenwaste, metal, plastic, rebar, and wood. No liquid or hazardous waste. Tires accepted. (Fee)</p>
<p><b>Madison Materials</b> 1035 E. 4<sup>th</sup> St., Santa Ana (714) 664-0159 Appliances, asphalt, brick, carpet, concrete, dirt, drywall, flooring, glass, greenwaste, metal, plastic, rebar, and wood. (Fee)</p>	<p><b>Rainbow Disposal</b> 17121 Nichols, Huntington Beach (714) 847-3581 Appliances, asphalt, brick, carpet, concrete, dirt, drywall, flooring, glass, greenwaste, metal, plastic, rebar, and wood. No liquid or hazardous waste. Tires accepted. (Fee)</p>
<p><b>Waste Management/ Sunset Environmental</b> 16122 Construction Circle W., Irvine (949) 451-2600 Appliances, asphalt, brick, carpet, concrete, dirt, drywall, flooring, glass, greenwaste, metal, plastic, rebar, and wood No liquid or hazardous waste. Additional charge for tires, Refrigerators, A/C units. (Fee)</p>	<p><b>Waste Management of Orange</b> 2050 N. Glassell, Orange (714) 282-0200 Appliances, asphalt, brick, carpet, drywall, flooring, glass, metal, rebar, and wood. No liquid or hazardous waste. No tires. (Fee)</p>
<p><b>Tierra Verde Industries</b> 6900 Marine Way, Irvine (949) 551-0363 Asphalt, brick, carpet, clean concrete, dirt, dry wall, flooring, glass, plastic, greenwaste and wood. No liquid or hazardous waste. (Fee)</p>	

**Disclaimer: OC Waste & Recycling is not liable for any errors, omissions or changes on this list, nor does it guarantee the accuracy of any information regarding materials, services or products. These are privately-owned facilities and not affiliated with the County of Orange. The list is not intended to be exhaustive but has been developed to assist customers to find recycling facilities as an alternative to disposal.**

(OVER)

**Recycling, Construction & Demolition Debris & Greenwaste Processors  
March 2008**

**Greenwaste Processors (also see Transfer Stations)**

<b>Aguinaga Company</b> 16355 Construction Circle W. Irvine (949) 786-9558 Greenwaste only. No wood or pallets. (Fee)	<b>Aguinaga Green</b> 27910 Baker Canyon Rd., Silverado (714) 649-9050 Greenwaste, Wood Accepts dirt. (Fee)
<b>Blue Ribbon Landscape &amp; Nursery</b> 1425 N. Santiago Blvd., Orange (714) 633-3666 Greenwaste. Clean green only. No roofing. Wood fences with no metal are OK. (Fee)	<b>Tierra Verde Industries</b> 6900 Marine Way, Irvine (949) 551-0363 Asphalt, brick, carpet, clean concrete, dirt, dry wall, flooring, glass, plastic, greenwaste and wood. No liquid or hazardous waste. (Fee)
<b>Tierra Verde Industries</b> 31748 La Pata Ave., San Juan Capistrano (949) 728-0401 Greenwaste and wood. Palms and succulents OK. Wood- painted or nails OK. (Fee)	

**Transfer Stations**

<b>Consolidated Volume Transporter (CVT)</b> 1131 Blue Gum, Anaheim (714) 238-3301 Appliances, asphalt, brick, carpet, concrete, dirt, drywall, flooring, glass, greenwaste, metal, plastic, rebar, and wood. No liquid or hazardous waste. Additional charge for tires, Refrigerators, A/C units. (Fee)	<b>CR&amp;R Transfer</b> 11232 Knott Ave., Stanton (714) 895-7970 Appliances, asphalt, brick, carpet, concrete, dirt, drywall, flooring, glass, greenwaste, metal, plastic, rebar, and wood. No liquid or hazardous waste. Tires accepted. (Fee)
<b>Madison Materials</b> 1035 E. 4 <sup>th</sup> St., Santa Ana (714) 664-0159 Appliances, asphalt, brick, carpet, concrete, dirt, drywall, flooring, glass, greenwaste, metal, plastic, rebar, and wood. (Fee)	<b>Rainbow Disposal</b> 17121 Nichols, Huntington Beach (714) 847-3581 Appliances, asphalt, brick, carpet, concrete, dirt, drywall, flooring, glass, greenwaste, metal, plastic, rebar, and wood. No liquid or hazardous waste. Tires accepted. (Fee)
<b>Waste Management of Orange</b> 2050 N. Glassell, Orange (714) 282-0200 Appliances, asphalt, brick, carpet, drywall, flooring, glass, metal, rebar, and wood. No liquid or hazardous waste. No tires. (Fee)	<b>Waste Management/ Sunset Environmental</b> 16122 Construction Circle W., Irvine (949) 451-2600 Appliances, asphalt, brick, carpet, concrete, dirt, drywall, flooring, glass, greenwaste, metal, plastic, rebar, and wood No liquid or hazardous waste. Additional charge for tires, Refrigerators, A/C units. (Fee)

**Steel Recyclers (also see Transfer Stations)**

<b>Adams Steel, Inc.</b> 3200 E. Frontera St. Anaheim (714) 630-6523 Appliances, Metal, Rebar, Beams, any scrap metal, car bodies. Pick up services available. (BuyBack)	<b>All Variety Metals</b> 1016 Santiago, Santa Ana (714) 835-9235 Metal, Rebar, Wood. Call first. Ferrous and non-ferrous metals, usable wood, occasional rebar. (BuyBack)
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**Other Materials**

<b>Amazon Environmental</b> 6688 Doolittle Ave, Riverside 92503 (951) 588-0206 Paint, Latex paint only. (Fee)	<b>J&amp;P Rebon Wholesaler</b> 301 N. Hancock St., Anaheim (714) 779-1565 Carpet pads and sofa cushions only. (BuyBack)
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**COUNTY OF ORANGE IWMD  
CONSTRUCTION AND DEMOLITION RECYCLING  
MATERIALS CONVERSION WORKSHEET**

<b>MATERIALS</b>	<b>VOLUME</b>	<b>UNIT</b>	<b>TONS/UNIT</b>	<b>TONS</b>
<b>Asphalt / Concrete</b>				
Broken Asphalt	_____	CY	x 0.7 =	_____
Broken Concrete	_____	CY	x 0.9 =	_____
Solid Slab Concrete	_____	CY	x 1.2975 =	_____
<b>Brick / Masonry / Tile</b>				
Broken Brick	_____	CY	x 0.7 =	_____
Whole Brick (Palletized)	_____	CY	x 1.512 =	_____
Broken Masonry Block	_____	CY	x 0.6 =	_____
Tile	_____	Sq Ft	x 0.00175 =	_____
<b>Building Materials</b>				
(doors, windows, cabinets, etc.)	_____		x 0.15 =	_____
<b>Cardboard (flat)</b>	_____	CY	x 0.05 =	_____
<b>Carpet</b>				
By Square Foot	_____	Sq Ft	x 0.0005 =	_____
By Cubic Yard	_____	CY	x 0.3 =	_____
<b>Carpet Padding / Foam</b>	_____	Sq Ft	x 0.000125 =	_____
<b>Ceiling Tiles</b>				
Whole (Palletized)	_____	Sq Ft	x 0.0003 =	_____
Loose	_____	CY	x 0.0875 =	_____
<b>Drywall (new or used)</b>				
1/2" (by Square Foot)	_____	Sq Ft	x 0.0008 =	_____
5/8" (by Square Foot)	_____	Sq Ft	x 0.00105 =	_____
Demo / Used ( by Cubic Yard)	_____	CY	x 0.25 =	_____
<b>Landscape Debris</b>				
(brush, trees, etc.)	_____	CY	x 0.15 =	_____
<b>Scrap Metal</b>				
	_____	CY	x 0.453 =	_____
<b>Unpainted Wood and Pallets</b>				
By Board Foot	_____	Bd Ft	x 0.001375 =	_____
By Cubic Yard	_____	CY	x 0.15 =	_____
<b>Garbage / Trash</b>				
	_____	CY	x 0.175 =	_____
<b>Dirt</b>				
By Cubic Yard	_____	CY	x 1.03 =	_____

**CONVERSION RATE TONS**

<b>Demolition</b>			x	
Complete Demolition	_____	Sq Ft of Structure	x 40/2000 =	_____
Complete Demolition with Tile Roof	_____	Sq Ft of Structure	x 47/2000 =	_____
Green Waste (trees, shrubs, turf, etc.)	_____	CY	x 0.25 =	_____
Mixed Debris (e.g., interior remodel)	_____	CY	x 0.2 =	_____
<b>Roofing</b>				
Asphalt Composition Shingle	_____	Roof Sq Ft	x 3/2000 =	_____
Wood Shingle / Shake	_____	Roof Sq Ft	x 2/2000 =	_____
Concrete / Clay Tile	_____	Roof Sq Ft	x 10/2000 =	_____
Roof Decking	_____	Roof Sq Ft	x 1.5/2000 =	_____
<b>Appliance / Equipment</b>				
Cook Top				0.015
Dishwasher				0.05
Refrigerator				0.075
Oven (single)				0.038
Trash Compactor				0.02
Water Heater (30 gallons)				0.025
Water Heater (40-50 gallons)				0.038
Bathtub (cast iron)				0.15
Bathtub (steel)				0.038
Sink (cast iron)				0.025
Sink (porcelain)				0.01
Sink (steel)				0.005
Toilet				0.02

**SAMPLE CALCULATION:** MATERIALS INCLUDING 100 SQ FT OF ROOF DECKING + 50 CY OF BROKEN BRICK + A CAST IRON BATHTUB WOULD

COMPUTE AS: (100 X 1.5 LBS)/2000 + (50 X 0.7) + 0.15 = .075 + 35 + 0.15 = 35.225 TONS.

CY = Cubic Yards

Sq Ft = Square Foot

Bd Ft = Board Foot

MATERIALS CONVERSION WORKSHEET

# WHAT YOU NEED TO KNOW IN ORDER TO MEET THE CONSTRUCTION & DEMOLITION (C&D) RECYCLING REQUIREMENT

## Thank you

for helping to preserve the life of Orange County's landfills through your recycling effort.

County of Orange—OC Waste & Recycling

Christine Knapp, Manager of Recycling Programs

300 North Flower Street, Suite 400

Santa Ana, CA 92703

Phone: (714) 834-4000

Fax: (714) 834-4110

E-mail: [Christine.Knapp@ocwr.ocgov.com](mailto:Christine.Knapp@ocwr.ocgov.com)

1. Certificates of Occupancy for your recent building permit with the County of Orange will not be released until proof of recycling and/or good faith effort are provided, and any applicable fines are paid.
2. You will have to pay a fine if you don't show proof of recycling or good faith effort.
3. Recycle 50 percent of construction & demolition (C&D) debris or show good faith effort.
4. Save receipts from recyclers or transfer stations. Receipts are required to close out your application.
5. You may comply by mail, e-mail or fax.
6. Please contact us if you have any questions.
7. Information is available at [www.oclandfills.com/c&d](http://www.oclandfills.com/c&d).



ORANGE COUNTY  
OC WASTE & RECYCLING  
300 N. FLOWER STREET, SUITE 400  
SANTA ANA, CA 92703

## WHY IS THE COUNTY OF ORANGE REQUIRING A C&D RECYCLING REQUIREMENT?

1. The County of Orange implemented this program in 2008 to comply with the California Integrated Waste Management Act of 1989 (AB 939)
2. On January 1, 2011, the State the California Green Building Standards Code was modified to include mandatory requirements for material conservation and resource efficiency.
3. To implement sustainable practices and conserve landfill capacity in the County of Orange.

## INFORMATION REGARDING YOUR PERMIT WITH THE COUNTY OF ORANGE

CONSTRUCTION AND DEMOLITION (C&D) DEBRIS RECYCLING POLICY & PROGRAM

## WHO IS RESPONSIBLE FOR COMPLYING WITH THE C&D RECYCLING REQUIREMENT?

The owner/developer of the property is responsible for compliance with the C&D policy as the owner procures the contractor(s) and/or sub contractor(s) services to complete the project.

## GLOSSARY

- A. **Applicant** – Individual, Contractor, Developer, and/or Consultant who may apply for a permit for Construction or Demolition, and who will now need to participate in the Construction and Demolition policy and program.
- B. **Class III Landfill** - A landfill that accepts non-hazardous waste such as household, commercial, and industrial waste, including construction, remodeling, repair, and demolition operations.
- C. **Co-mingled or Off-site Separation** – Collecting all material types into a single bin or mixed collection system and separating the waste materials into recyclable material types in an off -site facility.
- D. **Construction and Demolition Waste** – Including solid wastes, such as building materials, packaging, rubbish, debris, and rubble resulting from construction, remodeling, repair, and demolition operations.
  - 1. **Rubbish:** Including both combustible and noncombustible wastes, such as paper, boxes, glass, crockery, metal and lumber scrap, tin cans, and bones.
  - 2. **Debris:** Including both combustible and noncombustible wastes, such as leaves and tree trimmings that result from construction or maintenance and repair work.
- E. **Deconstruction** - The process of removing existing building materials from renovation and demolition projects for the purposes of reuse, and recycling, in a efficient and safe manner possible.
- F. **Divert** – Using material for any purpose other than disposal in a landfill.
- G. **Inert fill** – A permitted facility that accepts inert waste such as asphalt and concrete exclusively.
- H. **Reduce** – Using less material, like double sided copying where possible.
- I. **Reuse** – Using a material or product that is recovered from construction, renovation, or demolition activities.
- I. **Recycling** – The process of collecting and preparing materials for reuse in their original form or in a manufacturing process that does not cause the destruction/contamination of the materials in a manner that precludes further use.
- J. **Recovery** – Any process that reclaims materials, substances, energy, or other products contained within or derived from waste on-site. It includes waste-to-energy, composting, and other processes.
- K. **Source Separation** – Sorting the recovered materials into specific material types with little or no contamination on site.
- L. **Time-Based Separation** – Collecting waste during each phase of construction or deconstruction which results in primarily one major type of recovered material. The material is removed before it becomes mixed with material from the next phase of construction.
- M. **Waste Materials** – Large and small pieces of listed materials which are in excess of contract requirements and generally include materials to be recycled and/or recovered from existing construction and items of trimmings, cuttings, and damaged goods resulting from new installations, which can be effectively used in the Work.