



CONSTRUCTION WASTE MANAGEMENT PLAN

The 2013 California Green Building Standards Code (Cal Green Code) is effective January 1, 2014. The Cal Green Code, Section 4.408.2 and 5.408.2 requires all projects to have a Construction Waste Management Plan (CWMP). The CWMP is to document the project's overall waste management effort to achieve a 50% waste reduction of waste and debris from the landfill.

Please complete the following form for construction materials produced as a result of work performed in the City of La Palma. The City's franchised waste hauler, Park Disposal, will provide assistance to Contractor's in developing and implementing a Construction Waste Management Plan. Should you have any questions regarding this form, or Construction Waste Management Plan, please call the City of La Palma at (714) 690-3340.

1. Project & Applicant Info.

Owner's Name: _____ Date: _____

Project Address: _____

Owner Telephone: _____

Contractor's Name: _____

Contractor Contact Person: _____

Contractor Telephone: _____

Approximate Square Footage of Project: _____

Estimated Demolition Dates: Start _____ End _____

Estimated Construction Dates: Start _____ End _____

2. Material Handling Summary

To extend the life of landfills, and save natural resources, contractors must carefully consider alternatives to landfill disposal. Salvaging, reusing and recycling C&D materials can reduce disposal cost, as well as increase the City's diversion rate and oftentimes provide an economic benefit for the Contractor.

There are many organizations available to provide waste management services to Contractors:

- Park Disposal Company (714) 522-3577
- Deconstruction and salvage companies
- Mixed debris recycling facilities; and
- Inert materials recycling facilities (inert materials include but are not limited to asphalt, brick, concrete, dirt, rocks, gravel, stucco, and porcelain)

This document includes waste conversion tables (*Attachment 1*) and a list of companies including the services they offer and a list of facilities that accept C&D waste (*Attachment 2*) to assist you in preparing your CWMP.

3. Description of CWMP

Briefly state how waste materials will be handled at your job site to ensure reduction, salvage/reuse or recycling.

Please check waste reduction activities that were practiced at this project site:

- | | |
|--|---|
| <input type="checkbox"/> Use of Prefabricated Components | <input type="checkbox"/> Reduced packaging |
| <input type="checkbox"/> Reuse of Materials on site | <input type="checkbox"/> other (describe) _____ |
| <input type="checkbox"/> Accurate Material Estimates | |

4. CWMP Acknowledgement

All Subcontractors shall comply with the project's Construction Waste Management Plan.
All Subcontractors foremen shall sign the CWMP Acknowledgement Sheet.

1. This project shall generate the least amount of waste possible by planning and ordering carefully, following all proper storage and handling procedures to reduce broken and damaged materials whenever possible. The majority of the waste that is generated on this jobsite will be diverted from the landfill and recycled for other use.
2. Waste prevention and recycling activities will be discussed at the beginning of weekly subcontractor meetings. As each new subcontractor comes on-site, the General Contractor will present him/her copy of the project's CWMP and provide a tour of the job site to identify materials to be salvaged and the procedures of handling jobsite debris. All Subcontractor foremen will acknowledge in writing that they have read and will abide the CWMP. Subcontractor Sheet enclosed (*Attachment 3*). The CWMP will be posted at the jobsite trailer.
3. Park Disposal will provide a commingled drop box at the jobsite for most of the construction waste. The average diversion rate for commingled waste will be 50%. As site conditions permit, additional drop boxes may be used for particular phases of construction (e.g. concrete and wood waste) to ensure the highest waste diversion possible.
4. In the event that Subcontractors furnish their own debris boxes as part of their scope of work, such Subcontractor shall not be excluded from complying with the CWMP and will provide the General Contractor with copies of weight and waste diversion data tickets from a permitted facility for their debris boxes.
5. No project will be finalized or issued with certificate of occupancy without having submitted the required documentation of construction waste diversion, reduction or recycling.

5. Verification

- a. Attach weight slips or other records of measurement from State Permitted recycling companies that show actual tonnage of diverted materials.
- b. **You are required to submit your documentation prior obtaining a final inspection on your projects.**
- c. **“To the best of my knowledge, the reported tonnage and diversion percentage are an accurate representation of the disposition of the construction and demolition materials generated and diverted from this project site. I understand the City may audit disposal and recycling documentation related to this submission.”**

Print Name: _____ Signature: _____

Date: _____

ATTACHMENT 1

USE THE FOLLOWING WEIGHT CONVERSION TABLES TO ESTIMATE MATERIAL TONNAGE
 THIS FORM IS **NOT REQUIRED** IF OWNER OR CONTRACTOR UTILIZES PARK DISPOSAL FOR JOB
 SITE WASTE MANAGEMENT. PARK DISPOSAL PHONE NUMBER: (714) 522-3577

Demolition	
Complete Demolition	(Sq. ft of structure x 40 lbs) / 2000 = tons
Complete Demolition with tile roof	(Sq. ft. of structure x 47 lbs) / 2000 = tons
Green Waste (trees, shrubs, turf, etc.)	Cu. Yd. / 4 = (approximate) tons
Mixed Debris (such as interior remodel)	Cu. Yd. / 5 = (approximate) tons

Roofing	
Asphalt Composition Shingle	(Sq. ft. of roof x 3 lbs.) / 2000 = tons
Wood Shingle/Shake	(Sq. ft. of roof x 2 lbs.) / 2000 = tons
Concrete/Clay Tile	(Sq. ft. of roof x 10 lbs.) / 2000 = tons
Roof Decking	(Sq. ft. of roof x 1.5 lbs) / 2000 = tons

Inert Material	
Asphalt	(Cu. Yd. x 1.3 lbs.) / 2000 = tons
Concrete	(Cu. Yd. x 1.2 lbs) / 2000 = tons
Dirt	(Cu. Yd. x 1.6 lbs.) / 2000 = tons
Brick	(Cu. Yd. x 35 lbs.) / 2000 = tons

Appliance/Equipment			
Cook Top	30 lbs.	Dishwasher	100 lbs.
Refrigerator	150 lbs.	Oven (Single)	75 lbs.
Trash Compactor	40 lbs.	Water Heater (30 gal.)	50 lbs.
Water Heater (40-50 gal.)	75 lbs.	Bathtub (Cast Iron)	300 lbs.
Bathtub (Steel)	75 lbs.	Sink (Cast Iron)	50 lbs.
Sink (Porcelain)	20 lbs.	Sink (Steel)	10 lbs.
Toilet	40 lbs.		

For Example:

Materials including 100 square feet of roof decking, 50 cubic yards of brick, and a cast iron bathtub would compute as follows:

(100 x 1.5 lbs.) + (50 x 35 lbs.) + (300 lbs.) = (150 lbs.) + (1,750 lbs.) + (300 lbs.) = 2,200 lbs.

To convert total lbs. to tonnage, divide total lbs. by 2,000 (e.g. 2,200/2000 = 1.1 tons)

ATTACHMENT 2

C & D RECYCLERS IN ORANGE COUNTY

Facility Name	City	Phone Number
Consolidated Disposal	Long Beach	(800) 299-4898
D & D Recycling Incorporated	Anaheim	(714) 634-9600
D & D Recycling Incorporated	Garden Grove	(714) 373-4431
D & D Recycling Incorporated	Gardena	(310) 329-8475
D & D Recycling Incorporated	Santa Ana	(714) 434-1952
Dan Copp Crushing Corp.	Anaheim	(714) 777-6400
Ewles Materials	Irvine	(949) 552-6008
Ewles Materials	San Juan Capistrano	(949) 728-0436
Ewles Materials	Stanton	(714) 894-1988
JP Rebond Wholesalers	Anaheim	(714) 779-1565
Madison Materials	Santa Ana	(714) 664-0159
R. J. Noble	Orange	(714) 637-1550
Sun West Metals	Anaheim	(714) 635-0470
TVI Gold Coast Recycling (part of Tierra Verde Industries)	Irvine	(949) 551-0363

A database of all C & D recyclers in California can be found online at www.ciwmb.ca.gov/ConDemo/

ATTACHMENT 4

SAMPLE CONSTRUCTION MANAGEMENT PLAN

Owner Name: _____ Owner Address: _____

Contact Person Name: _____ Phone No.: _____

Property Address: _____

Description
Of Project: _____

Anticipated materials removed from property _____

Location where materials will be hauled _____

Location where materials will be recycled _____

Material	Total Generated (Lbs)	Total Recycled (Lbs)	Destination
Concrete	_____	_____	_____
Asphalt	_____	_____	_____
Wood	_____	_____	_____
Dirt	_____	_____	_____
Other _____	_____	_____	_____
Other _____	_____	_____	_____

We will be using the City's Franchised Waste Hauler (Park Disposal) for all our waste management needs and will supply receipts for service as proof prior to final inspection.

We, the undersigned, swear that the information herewith submitted is in all respects true and correct to the best of our knowledge.

SIGNED: _____
Contractor _____

DATE: _____