

# Construction and Demolition Debris Recycling Program



Department of Public Works  
January 2014



## Getting Started with your Affidavit and Certification to Implement a Waste Management Plan (WMP)

### Complete and Submit an Affidavit and Certification to Implement a Waste Management Plan

**Where to get the forms:** Carpinteria City Hall, Public Works Dept., 5775 Carpinteria Avenue, Carpinteria, CA 93013 or website: [http://www.carpinteria.ca.us/public\\_works/permits\\_forms.shtml](http://www.carpinteria.ca.us/public_works/permits_forms.shtml).

**Where to submit forms:** Submit a signed Affidavit and Certification to the Public Works Dept., located at 5775 Carpinteria Avenue, Carpinteria, CA 93013, or email a signed copy to [erinm@ci.carpinteria.ca.us](mailto:erinm@ci.carpinteria.ca.us). Keep a copy for your records.

**Who should fill out the Affidavit and WMP:** The Applicant (e.g., architect, owner, etc.) is responsible for submitting an Affidavit and Certification to Implement a WMP with their Building Permit application. The WMP can be filled out by whoever is knowledgeable about the types and quantities of debris that will be generated from the project.

**Subcontractor participation:** If subcontractors are required to remove debris from the job site, they play a key role in helping to project the City's recycling requirements. Inform all subcontractors of your waste reduction and recycling plan for the project and what is required of them early on. The applicant must provide documentation for any materials subcontractors are hauling. Documentation must include types, quantities and destination of materials, and specify amount salvaged or recycled. We strongly recommend including specifications or other language for recycling and/or reuse in your contracts. Informing your subcontractors of your requirements up front helps eliminate confusion later.

**Where to take materials:** The Builders' Recycling Resource List is available on line at: <http://www.calrecycle.ca.gov/ConDemo/Recyclers/RecyclerSearch.aspx>. This lists local facilities and the materials they accept.

**Review Process:** The Applicant must submit an Affidavit and Certification to Implement a WMP and the final WMP report to the Public Works Department at Carpinteria City Hall, 5775 Carpinteria Avenue, Carpinteria, CA 93013.

**Questions:** Please contact the Department of Public Works Environmental Coordinator at (805) 684-5405 ext. 415 or [erinm@ci.carpinteria.ca.us](mailto:erinm@ci.carpinteria.ca.us) with any questions about this form or solid waste diversion requirements in general.



## **Affidavit and Certification to Implement a Waste Management Plan**

Construction and Demolition (C&D) Debris Recycling Program  
Pursuant to Carpinteria Municipal Code Chapter 8.08 *Integrated Waste Management*

Effective January 2014, the City's mandatory Construction and Demolition (C&D) Debris Recycling Program requires projects to divert at least 65% of these highly recoverable materials from the landfill in accordance with C.M.C § 8.08. This Program shall apply to residential and non-residential projects within the City.

\_\_\_\_\_  
Address

\_\_\_\_\_  
Project Number (e.g. Permit Number)

\_\_\_\_\_  
Phone Number

**AFFIDAVIT OF PROJECT TYPE:** (check one box and sign the affidavit and certification below)

- Project involves demolition.** A Waste Management Plan (WMP) Report shall be submitted to the Public Works Department detailing how a 65% or greater diversion was met to comply with City regulations.
- Project involves new construction (all sectors).** A WMP Report shall be submitted to the Public Works Department detailing how a 65% or greater diversion was met to comply with City regulations.
- Project involves addition/alteration/tenant improvement of 1,000 square feet or greater in area.** A WMP Report shall be submitted to the Public Works Department detailing how a 65% or greater diversion was met to comply with C.M.C. § 8.08.
- Project is a demolition due to a fire or emergency.** WMP Report not required. Sign the Affidavit only.
- Project involves addition/alteration or demolition of less than 1,000 square feet.** WMP Report not required. Sign the Affidavit only.
- Property Owner/ Authorized Agent                      OR                       Licensed Contractor: License No. \_\_\_\_\_

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### **CERTIFICATION OF IMPLEMENTATION: C&D DEBRIS RECYCLING PROGRAM**

This is to certify a Waste Management Plan (WMP) for the above-referenced address will be implemented to divert a minimum of 65% and a WMP Report (detailing how the diversion was met) shall be submitted to the Public Works Department upon project completion, prior to obtaining a Certificate of Occupancy. I declare that I have read and understand the requirements of the City's C&D Debris Recycling Program and that the foregoing is true and correct.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Date



## Post-Construction Waste Management Plan Report

This form must be completed for the following types of projects:

- All Demolition
- All New Construction (non-residential & residential)
- Additions/Remodels/Tenant Improvements over 1,000 square feet

NOTE: Completed WMP Reports shall be submitted to the City of Carpinteria Public Works Dept. five days prior to Final Inspection and issuance of Certificate of Occupancy or Temporary Certificate of Occupancy. Report shall include receipts, weight tickets, or other records of measurement from recycling companies verifying information provided is correct. If you have questions, please call the Department of Public Works Environmental Coordinator at (805) 684-5405 ext. 415.

Building Permit #: \_\_\_\_\_

Project Address (Include floor, suite, etc.): \_\_\_\_\_

Contact Name: \_\_\_\_\_ Title: \_\_\_\_\_

Company Name: \_\_\_\_\_

Contact Mailing Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

1. Type of Project:       New Construction     Addition/Alteration       Demolition
2. Type of Building:     Commercial       Single Family Residence     Apartment/Condominium
3. Tenant Improvement:  Yes                       No
4. Size of Project: \_\_\_\_\_ sq. ft. Construction Valuation \$ \_\_\_\_\_
5. Project Completion Date: \_\_\_\_\_
6. Briefly state how solid waste material was handled on your job site to ensure salvage/reuse or recycling.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Please do not write below this line

Plan approved by: \_\_\_\_\_ Title: \_\_\_\_\_

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



## Post-Construction Waste Management Plan Report

**City Requirement:** Reduce quantity of materials disposed at landfills by 65% or more.

Column A: List estimated quantities of waste for each material type (in tons). To convert material quantities to tons, use the Materials Conversion Worksheet provided in your packet.

Columns B, C, D: List estimated quantities reused, recycled, or disposed.

Column E: State the name of all vendors or facilities to be used to reuse, recycle or dispose of material listed. See example below for cases where more than one facility will be used for a particular material type.

Column Totals: Add up all quantities listed in Column A. Do the same for Columns B, C and D.

Building Permit #: \_\_\_\_\_ Project Address: \_\_\_\_\_

### Waste Management Plan REPORT (WMP Report)

Material Handling Methods - Indicate quantities (in tons only) for each material listed.					
Material Type	A Total Tons Generated (A=B+C+D)	B Quantity Salvaged or Reused	C Recycling	D Estimated Disposal	E Anticipated Material Destination(s) (R): Recycled; (D): Disposal
Example: Cardboard	2 tons		1.5	.5	(R) EJ Harrison (D) Toland Landfill
Asphalt & Concrete					
Brick/Masonry/Tile					
Building Materials (doors, windows, fixtures, etc.)					
Carpet					
Carpet padding/Foam					
Cardboard					
Ceiling tile (acoustic)					
Dirt					
Drywall (used)					
Drywall (new, unpainted sheets or scrap)					
Landscape Debris (brush, trees, stumps, etc.)					
Scrap metal					
Unpainted Wood and Pallets					
Garbage/Trash					
Other					
Recycled debris					
<b>Column Totals</b>					

7. To determine if the required 65% project waste reduction will be met, Use the following equation:  $[(B+C) \div A] \times 100$ .

$$\left( \frac{\text{Total from Column B} + \text{Total from Column C}}{\text{Total from Column A}} \right) \div \text{Total from Column A} = \text{_____} \times 100 = \text{_____} \%$$

8. Is the percentage listed in #7 greater than or equal to 65%?  YES  NO - If "NO" please explain why:

\_\_\_\_\_

\_\_\_\_\_

9. Print Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_



## MATERIALS CONVERSION WORKSHEET - SEPARATED MATERIALS (Total Tons Generated)

This worksheet lists materials typically generated from a construction or demolition project and provides formulas for converting common units (i.e. cubic yards, square feet and board feet) to tons. It can be used for preparing your WMP Report, which requires that quantities be provided in tons. Step 1 - For your WMP, enter estimated quantity for each applicable material in Column I, based on units of cubic yards (cy), cubic foot (cu ft), square feet (sq ft), or board foot (bd ft). For your Report, use the actual quantities, based on weight tags, gate receipts, or other records of measurement (copies of these documents shall be submitted along with your report). Step 2 - Multiply by Tons/Unit figure listed in Worksheet Column II. Enter the result for each material in Column III. Step 3 - Enter quantities for each separated material from Column C on the Worksheet into the corresponding section of Column A of your WMP Report.

<u>Material Category</u>	<u>Column I Volume</u>	<u>Units</u>	<u>x</u>	<u>Column II Tons/unit</u>	<u>=</u>	<u>Column III Tons</u>
<b>Asphalt/Concrete</b>	Asphalt (broken)	_____	cy	x	.7	= _____
	Concrete (broken)	_____	cy	x	.9	= _____
	Concrete (solid slab)	_____	cy	x	1.2975	= _____
<b>Brick/Masonry/Tile</b>	Brick (broken)	_____	cy	x	.7	= _____
	Brick (whole, palletized)	_____	cy	x	1.512	= _____
	Masonry Block (broken)	_____	cy	x	.6	= _____
	Tile	_____	sq ft	x	.00175	= _____
<b>Building Materials</b> (doors, windows, cabinets, etc.)	_____	cy	x	.15	= _____	
<b>Cardboard (flat)</b>	_____	cy	x	.05	= _____	
<b>Carpet</b>	(by square foot)	_____	sq ft	x	.0005	= _____
	(by cubic yard)	_____	cy	x	.3	= _____
<b>Carpet Padding/Foam</b>	_____	sq ft	x	.000125	= _____	
<b>Ceiling Tiles</b>	(whole - palletized)	_____	sq ft	x	.0003	= _____
	(loose)	_____	cy	x	.0875	= _____
<sup>1</sup> <b>Dirt</b>	_____	cu ft	x	.3852	= _____	
<b>Drywall (new or used)</b>	1/2" (by square foot)	_____	sq ft	x	.0008	= _____
	5/8" (by square foot)	_____	sq ft	x	.00105	= _____
<b>Drywall (demo/used)</b>	_____	cy	x	.25	= _____	
<b>Garbage/Trash</b>	_____	cy	x	.175	= _____	
<b>Landscape Debris</b> (brush trees, etc.)	_____	cy	x	.15	= _____	
<b>Scrap Metal</b>	_____	cy	x	.453	= _____	
<b>Unpainted Wood &amp; Pallets</b>	(by board foot)	_____	bd ft	x	.001375	= _____
	(by cubic yard)	_____	cy	x	.15	= _____
<sup>2</sup> <b>Other</b>	_____		x		= _____	
						<b>Total Tons</b> = _____

cy = cubic yards    cu ft = cubic foot    sq ft = square foot    bd ft = board foot

<sup>1</sup> CalRecycle (factor averaged between five different types of dirt and converted to tons for consistency)

<sup>2</sup> For additional conversion factors go to <http://www.ciwm.ca.gov/lqlibrary/dsg/apndxi.htm#Conversion>



## **City of Carpinteria Approved Solid Waste Haulers\***

Santa Clara Disposal /EJ Harrison & Sons, Inc.  
1589 Lirio Avenue  
Ventura, CA 93004  
(805) 647-1414

Marborg Industries  
123 North Quarantina Street  
Santa Barbara, CA 93140  
(805) 963-1852

\*Contractors may also self-haul Construction and Demolition Debris, but are still subject to reporting requirements. If you have questions about hauling requirements, please contact the City's Environmental Coordinator at [erinm@ci.carpinteria.ca.us](mailto:erinm@ci.carpinteria.ca.us), (805) 684-5405 x 415.