

# Construction and Demolition Debris Recycling Program



2021



## **Complete and submit Affidavit and Certification to Implement Waste Management Plan.**

**Where to get forms:** Carpinteria City Hall, Public Works Department, 5775 Carpinteria Avenue, Carpinteria, CA 93013. For electronic forms, please contact the Public Works Department at (805) 880-3415 or [erinm@ci.carpinteria.ca.us](mailto:erinm@ci.carpinteria.ca.us).

**Where to submit forms:** Submit a completed forms to the Public Works Department, 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 completes forms:** The Applicant (e.g., architect, owner, etc.) is responsible for submitting the forms with a City permit application (e.g. Building Permit, Engineering Permit). The forms must be completed by a qualified person knowledgeable about the types and quantities of construction and demolition debris that are estimated to be generated from the project.

**Subcontractor participation:** If subcontractors are used to remove construction and demolition debris from the project site, the Applicant must inform all subcontractors of the waste reduction and recycling plan. The Applicant must provide documentation for any construction and demolition debris that subcontractors are hauling. Documentation must include types, quantities, and destination of construction and demolition debris, and must specify amount salvaged or recycled. It is strongly recommended to include specifications or other provisions in contracts for recycling and/or reuse.

**Where to take construction and demolition debris:** Information on disposal of construction and demolition debris is available at the California Department of Resources Recycling and Recovery at [www.calrecycle.ca.gov/ConDemo/Materials/](http://www.calrecycle.ca.gov/ConDemo/Materials/). Information is also available at [www.lessismore.org](http://www.lessismore.org).

**Questions:** Please contact the Public Works Department at (805) 880-3415 or [erinm@ci.carpinteria.ca.us](mailto:erinm@ci.carpinteria.ca.us).



## Affidavit and Certification to Implement Waste Management Plan

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

The Construction and Demolition Debris Recycling Program requires projects to divert at least 65% of these highly recoverable materials from the landfill in accordance with CMC § 8.08. Construction and Demolition Debris Recycling Program applies to residential and non-residential construction projects within City limits.

\_\_\_\_\_  
Address

\_\_\_\_\_  
Project Number or 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 City Engineer detailing how a 65% or greater diversion was in conformance with the Construction and Demolition Debris Recycling Program.
- Project involves new construction (all sectors).** A WMP Report shall be submitted to the City Engineer detailing how a 65% or greater diversion was in conformance with the Construction and Demolition Debris Recycling Program.
- Project involves addition/alteration/tenant improvement of 1,000 square feet or greater in area.** A WMP Report shall be submitted to the City Engineer detailing how a 65% or greater diversion was in conformance with the Construction and Demolition Debris Recycling Program.
- Project is a demolition due to a fire or emergency.** WMP Report is not required. Sign and submit this form only to the City Engineer.
- Project involves addition/alteration or demolition of less than 1,000 square feet.** WMP Report is not required. Sign and submit this form only to the City Engineer.
- Property Owner/ Authorized Agent                      OR                       Licensed Contractor: License No. \_\_\_\_\_

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### **CERTIFICATION OF IMPLEMENTATION:**

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 will be submitted to the City Engineer upon project completion and/or prior to issuance of a Certificate of Occupancy. I declare that I have read and understand the requirements of the Construction and Demolition Debris Recycling Program and that the foregoing is true and correct.

\_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Date



## Construction and Demolition Waste Management Plan

NOTE: Completed Waste Management Plan (WMP) reports shall be submitted to the City Engineer at least five days prior to final inspection by the City Engineer and issuance of Certificate of Occupancy. Reports shall include receipts, weight tickets, or other records of measurement from recycling companies verifying the information provided is accurate. If you have questions, please contact the Public Works Department at (805) 880-3415 or [erinm@ci.carpinteria.ca.us](mailto:erinm@ci.carpinteria.ca.us).

Project Number or Permit Number: \_\_\_\_\_

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

Applicant Name: \_\_\_\_\_ Title: \_\_\_\_\_

Company Name (If applicable): \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ 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. Project Size: \_\_\_\_\_ sq. ft. Construction Valuation \$ \_\_\_\_\_
5. Estimated Project: Start Date \_\_\_\_\_ Completion Date: \_\_\_\_\_
6. Briefly describe below how solid waste material was handled on your job site to ensure salvage/reuse or recycling:

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Official Use Only  
(Do not write below this line.)

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Reviewed by: \_\_\_\_\_ Title: \_\_\_\_\_

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



# Post-Construction Waste Management Plan Report

**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.

Project Number or Permit Number: \_\_\_\_\_

Project Address/Location: \_\_\_\_\_

## 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					
Column Totals					

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>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>	(by cubic yard)	_____ 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\***

E.J. Harrison & Sons, Inc.  
P.O. Box 4009  
Ventura, CA 93004  
(805) 647-1414

Marborg Industries  
P.O. Box 4127  
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 Public Works Department at (805) 880-4415 or [erinm@ci.carpinteria.ca.us](mailto:erinm@ci.carpinteria.ca.us).