

Town of Yucca Valley

Building and Safety Division

CITY USE ONLY	
Date Paid:	Amount Paid: \$
Initials:	

Construction Waste Management Plan

Submit completed CWMP plan to the Building and Safety Division for review **prior** to permit issuance.

MONTEREY BUSINESS CENTER, 58928 BUSINESS CENTER DRIVE, YUCCA VALLEY, CA 92284-7306

BUSINESS HOURS: M-TH 7:30 AM TO 9:00 AM AND 1:00 PM TO 2:00 PM

PHONE: 760-365-1339 WWW.YUCCA-VALLEY.ORG/DEPARTMENTS/BLDGSAFETY.HTML

Effective January 1, 2014, the 2013 California Green Building Standards Code (CALGreen) mandates permitted new residential and non-residential building construction, demolition and certain additions and alteration projects to recycle and/or salvage for reuse a minimum 50 percent of the nonhazardous construction and demolition (C&D) debris generated during the project. New construction and demolition projects with a combined disposal weight of less than 4 lbs/ft² in new residential structures and 2 lbs/ft² in non-residential and residential high rise (four stories or more) buildings meet the 50 percent minimum diversion requirement.

Additions to non-residential buildings or structures of at least 1,000 square feet or alterations with an estimated construction cost of at least \$200,000 shall divert from landfills at least 50 percent of nonhazardous C&D materials. Additions and alterations to residential buildings that increase the structure's conditioned area, volume or size are also required to meet the 50 percent minimum diversion requirement.

Complete this form for the following projects and check appropriate selection (s):

- Single Family Residential Dwelling of one unit including newly constructed detached garages
- Tract Homes of Residential Projects of up to 8 homes on a single CWMP.
- All new commercial and/or industrial construction and demolition projects.
All newly constructed low rise (three stories or less*) and high rise (four stories or more*) residential buildings.
- Additions to non-residential buildings or structures of at least 1,000 square feet.
- Alterations to non-residential buildings with an estimated construction cost of at least \$200,000.
- Additions and alterations to residential buildings that increase the structure's conditioned area, volume or size.

APN:		Permit #:		Date:	
Project Name:					
Project Address:					
Owner Name:					
Owner Telephone:					
Owner Mailing Address:					
Contractor Name:					
Contractor Contact Person:					
Contractor Telephone:					
Approximate Square Footage of Project:					
Demolition Dates:	Start:		Finish:		
Construction Dates:	Start:		Finish:		

Brief Description of Project:

1. Property/Disposal Information

Size, quantity and frequency of pick up for all **solid waste** containers proposed for use:

Size, quantity and frequency of pick up for all **recycling** containers proposed for use:

Waste Hauler (required)*

*Town of Yucca Valley Code Section XX.XXXX requires persons engaging in solid waste handling services to have a franchise agreement with the city or a Class A Permit except as provided for in the Code Section; Section 5.408.1.2 of the CALGreen Code states that a waste management company that can provide verifiable documentation must be used.

The intent of this form is to ensure a minimum of 50 percent diversion of construction building materials and demolition debris from landfills and compliance with State law which states that 50 percent of non-hazardous construction and demolition debris must be recycled and/or salvaged for reuse thereby extending the life of the landfills. All contractors/subcontractors shall comply with the project CWMP.

2. Responsibility for the Plan

State who will oversee the management of materials at the project site to ensure salvage/reuse or recycling; explain how you will inform your workers/contractors of your process.

3. Exemption

Complete the section below if you believe that your project is entitled to an exemption and should not be required to divert or recycle C&D debris.

4. Verification

To the best of my knowledge, the tonnage and diversion percentage estimates reported on this form are my best estimate of the disposition of construction and demolition materials generated at this project site.

Prepared By:		Title:	
Signature:			
Email Address:		Phone:	

<p>CITY USE ONLY PART 1 ONLY ANTICIPATED TONNAGE SIGN OFF OF PART 1 IS NEEDED PRIOR TO BUILDING PERMIT ISSUANCE</p>	
<p>Plan Approval Status:</p> <input type="checkbox"/> Approved <input type="checkbox"/> Further explanation needed (see attached) <input type="checkbox"/> Denied	<p>Exemption Status:</p> <input type="checkbox"/> Exemption Approved <input type="checkbox"/> Exemption Denied
<p>Comments:</p>	
<p>Reviewed By:</p>	
<p>Signature:</p>	<p>Date:</p>

<p>CITY USE ONLY PART 2 ONLY ACTUAL TONNAGE SIGN OFF OF PART 2 IS NEEDED PRIOR TO FINAL INSPECTION</p>		
<p>Date:</p>	<input type="checkbox"/> Documentation Requested	<input type="checkbox"/> Documentation Provided
<p>Comments:</p>		
<p>Reviewer's Name:</p>		<p>Reviewer's Signature:</p>
<input type="checkbox"/> 50 Percent Diversion	<input type="checkbox"/> Good Cause	<input type="checkbox"/> Non-Attainment
<input type="checkbox"/> 50 Approved	<input type="checkbox"/> Not Approved	<input type="checkbox"/> Reason

PART 1: ANTICIPATED MATERIALS DISPOSAL/DIVERSION WORKSHEET (PRIOR TO BUILDING PERMIT)

5. Material Handling Estimated Weight

Complete this worksheet to help identify the types of materials, estimated quantities, and the waste material that will be reduced, recycled or disposed of from your project site. Estimates should be calculated in tons or pounds. Designate which one is used on the form and use the attached Materials Conversion Table on the last page for conversion factors, if needed.

APN:		Address:		Project Name:	
Material Type	A Total Quantity Construction Wastes	B Salvaged or Reuse	C Recycled	D Disposal (non-recyclable)	E Proposed Destination
<i>Example: Asphalt</i>	<i>10 tons</i>	<i>1 ton</i>	<i>7 tons</i>	<i>2 tons</i>	<i>Onsite Packaging & John Smith Recycling Center</i>
Asphalt/Concrete					
Brick/Masonry/Tile					
Cabinets/Fixtures/Windows/Doors					
Cardboard					
Carpet/Padding/Foam					
Drywall					
Electrical					
Garbage (non-recyclables)					
Insulation					
Organic Debris					
Plastic (miscellaneous)					
Plastic Piping					
Recycled Mixed Debris					
Roofing Materials					
Scrap Metal (all types)					
Wood/Pallets/Lumber					
Other (specify)					
TOTALS					

Amount of Co-Mingled Sorting:	Amount Sorted On Site:
5a. $(\text{Total Column B} + \text{Total Column C}) / \text{Column A} = \# \times 100\% = \text{Total Diversion Percentage}$	%

OR

5ai. Total Pounds Disposed/Total Square Footage of Project =	lbs/sq ft*
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**This method cannot be used if your project includes demolition (Section X.XXX.X.X)*

5b. Is the percentage listed in 5a greater or equal to 50% OR lbs/sq ft in 5ai less than 2 ? <input type="checkbox"/> Yes <input type="checkbox"/> No**

***If no, fill out section 3 on page 2.*

All commercial, industrial or low rise residential projects must recycle or reuse 100% of land-clearing debris or excavated soil.

PART 2: ACTUAL MATERIALS DISPOSAL/DIVERSION WORKSHEET (PRIOR TO FINAL INSPECTION)

6. Material Handling Actual Weight

Complete this worksheet to identify the types of materials, estimated quantities, and the waste material that were actually reduced, recycled or disposed of from your project site. Values are to be calculated in tons or pounds. Designate which one is used on the form and use the attached Materials Conversion Table on the last page for conversion factors, if needed.

APN:		Address:		Project Name:	
Material Type	A Total Quantity Construction Wastes	B Salvaged or Reuse	C Recycled	D Disposal (non-recyclable)	E Proposed Destination
<i>Example: Asphalt</i>	<i>10 tons</i>	<i>1 ton</i>	<i>7 tons</i>	<i>2 tons</i>	<i>Onsite Packaging & John Smith Recycling Center</i>
Asphalt/Concrete					
Brick/Masonry/Tile					
Cabinets/Fixtures/Windows/Doors					
Cardboard					
Carpet/Padding/Foam					
Drywall					
Electrical					
Garbage (non-recyclables)					
Insulation					
Organic Debris					
Plastic (miscellaneous)					
Plastic Piping					
Recycled Mixed Debris					
Roofing Materials					
Scrap Metal (all types)					
Wood/Pallets/Lumber					
Other (specify)					
TOTALS					

Amount of Co-Mingled Sorting:	Amount Sorted On Site:
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The same calculation used in Part 1 must be used in Part 2.

5a. (Total Column B + Total Column C)/Column A = # x 100% = Total Diversion Percentage	%
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OR

5ai. Total Pounds Disposed/Total Square Footage of Project =	lbs/sq ft*
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**This method cannot be used if your project includes demolition (Section X.XXX.X.X)*

5b. Is the percentage listed in 5a greater or equal to 50% OR lbs/sq ft in 5ai less than 2? <input type="checkbox"/> Yes <input type="checkbox"/> No**
--

****If no, fill out section 3 on page 2.**

All commercial, industrial or low rise residential projects must recycle or reuse 100% of land-clearing debris or excavated soil.

7. Conversion Information (all projects)

Material	Pounds/CY	Tons/CY
Acoustical Ceiling Tiles	68	0.03
Asphalt	1380	0.69
Brick	3024	1.51
Cardboard	100	0.05
Carpet	84	0.04
Concrete	1855	0.93
Drywall	1620-2160	0.81-1.08
Glass (Window)	80-100	0.04-0.05
Mixed C&D Debris	900	0.45
Mixed Office Recycling	363.5	0.18
Mixed Plastics	32	0.02
Mixed Waste/Trash	100-350	0.05-.0178
Plastic Pipes	341	0.17
Scrap Metal	906	0.45
Wood (chipped)	500	0.25
Organics (brush, chips, needles, stumps, etc.)	See Below	
Brush (pruning)	47	0.02
Pine Needles	74	0.04
Stumps	1080	0.54
Metals	906	0.45

For more conversion factors, visit: <http://www.calrecycle.ca.gov/LGCentral/Library/dsg/Appendix1.htm>

In the event that the contractors/subcontractors furnish their own debris boxes as part of their scope of work, such contractors shall not be excluded from complying with the waste management plan and will provide the signatory of this plan with disposal weight and waste diversion data for their debris boxes.

In the event that site use constraints (such as limited space) restrict the number of debris boxes that can be used for collection of designated waste the project superintendent will, as deemed appropriate, allocate specific areas onsite where individual material types are to be consolidated. These collection points are not to be contaminated with non-designated waste types.

Single Family Residential ONLY

Table 2: NAHB Construction Waste Estimate of a Typical 2,000 Square Foot House

Material	Weight (pounds)	Volume (cubic yards)
Solid Dimensional Wood	1600	6
Engineered Wood	1400	5
Drywall	2000	6
Cardboard	600	20
Metal	150	1
PVC	150	1
Masonry	1000	1
Hazardous Materials	50	-
Other	1050	11
Total	8000	50