



ENVIRONMENTAL SERVICES DEPARTMENT
CONSTRUCTION/DECONSTRUCTION WASTE MANAGEMENT PLAN
 220 E. Mountain View St., Barstow, CA 92311 ♦ Phone: (760) 255-5126

Home owners and/or licensed contractors who are applying for a City of Barstow building permit which may generate construction waste must prepare a Construction Waste Management Plan which documents the project's compliance with the California Green Building Standards Code. Please complete this form and submit to the City of Barstow's Environmental Services Department for review and approval. The Performance Security Bond will be calculated based on the application submittal and is **due prior to issuance of a City of Barstow Building Permit.**

PROJECT INFORMATION

Project Address and Business Name and or PROJECT NAME:	Permit Number:
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Project Type: New Construction Addition Tenant Improvement Demolition Other: _____

Project Description:

CONTRACTOR INFORMATION Not Applicable, project being done as owner-build.

Licensed Contractors Name:	License No.:	Phone #
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Contractor's Address:	City	State	Zip Code
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PROPERTY OWNER INFORMATION AND CALCULATION OF PERFORMANCE SECURITY BOND

Owner's Name:	Phone Number:
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Owner Address:

CALCULATION OF PERFORMANCE BOND: A Performance Bond is required based on the square footage of the project at \$0.20 per square foot or \$250.00, **whichever is GREATER.**

Square Footage of Project: _____ X \$0.20 per square foot = \$ _____

Upon verification of compliance of the Construction/Deconstruction Waste Management Plan at the conclusion of the project, **the Performance Security Bond should be returned to:** Property Owner Licensed Contractor Other (Please provide mailing information below)

Payee's Name:	Email:		
Payee's Mailing Address:	City:	State:	Zip Code:

*Under the terms of the California Green Building Standards Code, the property owner/contractor **must select** one of the following means to recycle a minimum of 65% of the debris from the project. Please **check the appropriate box** indicating the recycling method of your choice: (**Performance Security Bond is retained by the City for those projects not providing documentation they have achieved the 65% minimum requirement for diversion within 30 days of final inspection.**) ***If Permit expires, fees for CWMP will be forfeited and customer will have to reapply.***

- I, as property owner/contractor will contract for hauling services with the City of Barstow's **exclusive** franchise hauler, Burrtec Waste, assuring that all project debris will be taken to the Barstow Landfill Diversion Program. Burrtec Waste can be contacted at (760) 256-2730.
 - I will self-haul all project debris to the Barstow Landfill Diversion Program **and provide weight tickets to the City of Barstow.***
 - I will self-haul all Project debris to an approved Construction Materials Recycling Facility **and provide weight tickets to the City of Barstow.***
- *If self-hauling, a copy of the registration is required with either the Contractor or Owner/Builder listed as registered owner.**

ACKNOWLEDGEMENT

If self-hauling, please note that proof of recycling and/or disposal of project debris, in the form of invoices, receipts and/or weight tickets, must be provided to the City of Barstow within 30 days of final inspection as proof that at least 65% of the debris generated by this project was recycled. Self-hauling is only permitted when refuse/recycling containers and/or equipment are owned and operated by the property owner/licensed contractor. Non-compliance of this Construction/Deconstruction Waste Management Plan will result in the City of Barstow retaining the Performance Security Bond and administration citation.

Signature:	Printed Name:	Date:
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CITY USE ONLY

Environmental Services Department Signature:	Permit Issuance: <input type="checkbox"/> Approved <input type="checkbox"/> Denied
Completion Date:	Return Deposit? <input type="checkbox"/> Yes <input type="checkbox"/> No Approved By:

CWMP Worksheet Part 1 must be submitted with this application

Construction Waste Management Plan (CWMP) Worksheet Part 1

Part One: Anticipated Material Disposal/Diversion Worksheet

Submit with CWMP Application Form

Please complete this Worksheet to help identify the types of materials, estimated quantities, and how the waste material will be reduced, recycled or disposed from your project site. Estimates should be calculated in tons (see Materials Conversion Table on page 6 for conversion factors if needed).

Comingling

Sorted on Site

Project Name/Address: _____				
APN: _____		Permit #: _____		
Material Type	A Total Quantity Construction Wastes	B Salvaged or Reuse	C Recycled	D Disposal (non- recyclable)
<i>Example: Asphalt</i>	<i>1 tons</i>	<i>0.25 tons</i>	<i>0.5 tons</i>	<i>0.25 tons</i>
Asphalt				
Concrete				
Shotcrete				
Metals				
Wood				
Rigid insulation				
Fiberglass insulation				
Acoustic ceiling tile				
Gypsum drywall				
Carpet/carpet pad				
Plastic pipe				
Plastic buckets				
Plastic				
Hardiplank siding and boards				
Glass				
Cardboard				
Pallets				
Job office trash, paper, glass & plastic bottles, cans, plastic				
Alkaline and rechargeable batteries, toner cartridges, and electronic				
Other (specify)				
TOTALS				

(Total Column B + Column C) / Column A = # x 100% = Total Diversion Percentage _____ %
 (The percentage listed shall be greater than or equal to 65%)

Construction Waste Management Plan (CWMP) Worksheet Part 2

Part Two: Actual Material Disposal/Diversion Worksheet

Submit Prior to Final Building Inspection

Please complete this Worksheet to identify the types of materials, quantities, and the waste that was actually reduced, recycled or disposed from your project site. Values are to be calculated in tons (see Materials Conversion Table on page 6 for conversion factors if needed).

Comingling Sorting

Sorted on Site

Project Name/Address: _____
 APN: _____ Permit #: _____

The signature below represents that the information provided on this form is true and correct and certifies that I have tracked construction waste during the course of this project to achieve a minimum of 65% waste diversion.

Company Name (General Contractor, Subcontractor, or Homeowner): _____

Responsible Person's Name: _____ Responsible Person's Signature: _____

Position with Company or Title: _____ Date Signed: _____ CSLB License: _____

Material Type	A Total Quantity Construction Wastes	B Salvaged or Reuse	C Recycled	D Disposal (non- recyclable)
<i>Example: Asphalt</i>	<i>1 tons</i>	<i>0.25 tons</i>	<i>0.5 tons</i>	<i>0.25 tons</i>
Asphalt				
Concrete				
Shotcrete				
Metals				
Wood				
Rigid insulation				
Fiberglass insulation				
Acoustic ceiling tile				
Gypsum drywall				
Carpet/carpet pad				
Plastic pipe				
Plastic buckets				
Plastic				
Hardiplank siding and boards				
Glass				
Cardboard				
Pallets				
Job office trash, paper, glass & plastic bottles, cans, plastic				
Alkaline and rechargeable batteries, toner cartridges, and electronic devices				
Other (specify)				
TOTALS				

THE SAME CALCULATION USED IN PART 1 MUST BE USED IN PART 2
 (Total Column B + Column C) / Column A = # x 100% = Total Diversion Percentage _____ %
 Is the percentage listed above greater than or equal to 65% Yes No

Construction Waste Management Plan (CWMP) Conversion Chart

Materia	Pounds/CY	Tons/CY
Acoustical Ceiling	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
Fiberglass Insulation	17	0.085
Glass (Window)	80-100	0.04-0.05
Gypsum Drywall	500	0.27
Mixed Construction & Demolition Debris	900	0.45
Mixed Office	363.5	0.18
Mixed Plastics	32	0.02
Mixed Waste/Trash	100-350	0.05-
Pallet	35 (one average)	0.175
Plastic Pipes	341	0.17
Scrap Metal	906	0.45
Wood	329	0.27
Brush (prunings)	47	0.02
Pine Needles	74	0.04
Stumps	1080	0.54
Metals	906	0.45

For more conversion factors, please visit: <http://www.calrecycle.ca.gov> and search "Conversion Factors".

Single Family Residential ONLY

Table 2: National Association of Home Builders Construction Waste Estimate of a Typical 2000 sq ft House

Materia	Weight	Volume
Solid Dimensional	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