



Construction Waste Management Plan (CWMP)

City of Poway

Section 4.408.1 and Section 5.408.1 of the 2010 California Green Building Standards requires at least 50% of non-hazardous construction debris is recycled and/or salvaged for reuse.

Prior to submitting your application for a Building Permit, you must have completed a Construction Waste Management Plan (CWMP) demonstrating how you will recycle a minimum of 50% of the construction waste generated from your project.

NOTICE: Applicant (contractor and subcontractors) shall comply with the project's CWMP. It is the Applicant's responsibility to collect all receipts from the facilities that recycle their materials AND all project waste/landfill disposal receipts. When working with the City's franchised hauler, EDCO Waste & Recycling Services, one cumulative project receipt is acceptable. However, it is the Applicant's responsibility to confirm that the bins are collected for C&D Recycling.

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, and reusing materials whenever possible.
2. EDCO Waste and Recycling Services will provide a commingled roll-off bin at the jobsite for most construction waste. These commingled roll-off bins will be taken to a Certified Mixed C&D Processing Facility certified by the City of San Diego to have a diversion rate of 50% or more.
3. Applicants with a goal of recycling greater than 50% of the project's total waste should work with EDCO, the City's exclusive franchised waste hauler, to develop a more specific CWMP. This plan may include using additional roll-off bins for particular phases of construction (e.g., concrete and wood waste) to ensure the highest waste diversion rate possible.
4. Contractors/subcontractors hauling their own waste as part of their scope of work (e.g., construction clean up companies, etc.) SHALL NOT be excluded from complying with the CWMP and shall provide weight and waste diversion receipts from a City of San Diego Certified Source Separated Recycling Facility. For a current list of Certified Recycling Facilities go to <http://www.sandiego.gov/environmental-services/recycling/cd/index.shtml>.
5. If contractors/subcontractors furnish their own debris boxes as part of their scope of work, they SHALL NOT be excluded from complying with the CWMP and shall provide weight and waste diversion receipts from a Certified Source Separated Recycling Facility.

Part 1 - Before the Project Begins

Prior to issuance of a Building Permit, Applicant must submit PART 1 of the Construction Waste Management Plan (CWMP) Table.

- a. Submit to EDCO for review/signature. Email to dmeyer@edcodisposal.com or Fax to 760-744-8364.
- b. Submit completed and signed form to City with Building Permit application.

Part 2 – During and After the Project

Prior to receiving inspection for final sign off of the Certificate of Occupancy, Applicant must submit the fully completed and approved PART 2 of the Construction Waste Management Plan (CWMP) Table.

- a. Save all receipts and/or documents from reuse facilities, recycling centers, processing facilities, and landfills where materials were taken.
- b. Complete the Debris Recycling Report (DRR) as your project progresses. Recycling/diversion goals are (at a minimum) 50% of the waste generated by your project.
- c. Submit to EDCO with all receipts (tickets) for all recycling and disposal for review/signature. Email to dmeyer@edcodisposal.com or Fax to 760-744-8364.
- d. Return signed form to: City of Poway, Development Services Department, Building Services (First Floor), 13325 Civic Center Drive, Poway, CA 92064.



Construction Waste Management Plan (CWMP) (Part 1)

City of Poway

Many of the materials generated from your project can be recycled. You are required to list materials that will be reused, recycled or disposed from your project. If you have questions about the recycling requirement or completing this form, please contact Dan Meyer at EDCO (858) 748-7769, ext. 123, or the Poway Public Works Department at (858) 668-4700.

Please note: Unless you are self-hauling, you must use EDCO Waste & Recycling roll-off bins for all construction projects within the City of Poway.

PART 1 Complete and submit this form when applying for a Building Permit. Note: Permits will not be issued without a completed Construction Waste Management Plan.

Applicant Information

Permit No. _____ Project Title _____

Project Address _____ APN _____

Applicant Name _____
Last First
Owner Contractor Architect Other

Applicant Address _____

Phone () _____ E-mail Address _____

Applicant Mailing Address _____
(if different than project address)

Project Type (check all that apply):
Residential Commercial Public Building Industrial

Brief Description _____

Project Size _____ Type of Construction _____
(square footage) (wood frame, concrete, steel, etc.)

Please check the appropriate box:

- I plan on using EDCO roll-off bin(s) for all materials and will provide all receipts after construction.
- I plan on self-hauling to a certified recycling facility and will provide all receipts after construction.
- This is a proposed LEED certified project and I plan on separating materials on site in conjunction with EDCO.

Acknowledgement: I certify under penalty of perjury under the laws of the State of California that the information provided in and with this form pertains to construction and demolition debris generated only from the project listed in PART 1, that I have reviewed the accuracy of the information, and that the information is true and correct to the best of my knowledge and belief.

Print Name _____ Signature _____ Date _____



Construction Waste Management Plan (CWMP) (Part 1)

City of Poway

PART 1 Complete, obtain signature, and submit this form when applying for a Building Permit. Note: Permits will **(cont'd)** not be issued without a completed Construction Waste Management Plan.

SECTION A Permit No. _____ Project Title _____

Project Address _____ APN _____

Applicant Name _____ Phone () _____

Last First

SECTION B Complete the following table with estimated waste tonnage to be generated by your project. This is your plan for construction waste management. Changes can be made on the final recycle report. **Goal: the diversion rate shall be 50% by weights of debris.**

Material Type	A Estimated Waste Quantity (tons)	B Place a (✓) check next to items to be reused or salvaged	C Place a (✓) check next to items to be recycled	D Place a (✓) check next to items to be disposed at landfill
<i>Complete this line of the table only if only using EDCO roll-off bins.</i> Mixed C&D Debris				
Asphalt & Concrete				
Brick / Masonry / Tile				
Mixed Inert Debris				
Cabinets, Doors, Fixtures, Windows (circle all that apply)				
Carpet				
Carpet Padding / Foam				
Cardboard				
Ceiling Tile (acoustic)				
Drywall (used, new, scrap)				
Landscape Debris (brush, trees, stumps, etc.) No dirt.				
Unpainted Wood & Pallets				
Roofing Materials				
Scrap Metal				
Stucco				
Other: _____				
TOTAL				

SECTION C

To meet 50% Diversion Requirement (estimate) _____ x 0.50 = _____ tons

Column A Total Minimum Required Diversion

EDCO Signature _____ Date _____



Construction Waste Management Plan (CWMP) (Part 2)

City of Poway

DEBRIS RECYCLING REPORT

PART 2 Complete before final inspection, obtain EDCO signature, and return with receipts prior to final building approval.

SECTION A Acknowledgement

I certify under penalty of perjury under the laws of the State of California that the information provided in and with this form pertains to construction and demolition debris generated only from the project listed in PART 1, that I have reviewed the accuracy of the information, and that the information is true and correct to the best of my knowledge and belief.

Permit No. _____ Print Name _____
Signature _____ Date _____

SECTION B Use this Final Log below to track loads of materials as they leave the job site.

→→SAVE RECEIPTS←←

Indicate FINAL quantities in tons for each material and save receipts and documents from facilities where material is taken. Additional Project Log pages are available if necessary. Use City Conversion Table to convert volume to tons.

Date	Material Type	A Actual Amt Reused or Salvaged	B Actual Amt Recycled	C Actual Amt Disposed in Landfill	Destination Facility (Name, Address, Phone)
<i>Example:</i> 01/05/2011	Concrete (broken)		5 tons		Hanson Aggregates, 3701 Haymar Dr., Carlsbad – 760/603-0153
→TOTAL					

SECTION C

Diversion Rate Achieved _____ / _____ = _____ %

Total of columns A + B Total of columns A + B + C DIVERSION

≥ 50% _____
≤ 50% _____

EDCO Signature _____ Date _____

Attach the following documentation to this Report:

- Original recycling weight tickets, landfill weight tickets
- Original donation receipts with photos and/or itemized descriptions
- Any other relevant information to support Recycling Report

Return completed form and documentation to:

City of Poway
Development Services Department, Building Services (1st Floor)
13325 Civic Center Drive
Poway, CA 92064



Construction Waste Management Plan (CWMP) (Part 2)

City of Poway

DEBRIS RECYCLING REPORT

Conversion Table

This document is informational only. It is here to help you convert truckload quantities to tons, if necessary.

<u>Category</u>	<u>Material</u>	<u>Column A</u> <u>Volume</u>		<u>Column B</u> <u>Tons/Unit</u>	<u>Column C</u> <u>Tons</u>
Mixed Debris	Construction	_____	cy x	0.18 =	_____
	Demolition	_____	cy x	1.19 =	_____
Asphalt/Concrete	Asphalt (broken)	_____	cy x	0.70 =	_____
	Concrete (broken)	_____	cy x	1.20 =	_____
	Concrete (solid slab)	_____	cy x	1.30 =	_____
Brick/Masonry/Tile	Brick (broken)	_____	cy x	0.70 =	_____
	Brick (whole, palletized)	_____	cy x	1.51 =	_____
	Masonry brick (broken)	_____	cy x	0.60 =	_____
	Tile	_____	sq ft x	0.00175 =	_____
Building Materials (cabinets, doors, windows, etc.)		_____	cy x	0.15 =	_____
Cardboard (flat)		_____	cy x	0.05 =	_____
Carpet	By square foot	_____	sq ft x	0.0005 =	_____
	By cubic yard	_____	cy x	0.30 =	_____
Carpet Padding/Foam		_____	sq ft x	0.000125 =	_____
Ceiling Tiles	Whole (palletized)	_____	cy x	0.0003 =	_____
	Loose	_____	cy x	0.09 =	_____
Drywall (new or used)	1/2" (by square foot)	_____	sq ft x	0.0008 =	_____
	5/8" (by square foot)	_____	sq ft x	0.00105 =	_____
	Demo/used (by cu. yd.)	_____	cy x	0.25 =	_____
Landscape Debris (brush, trees, etc.)		_____	cy x	0.15 =	_____
Shingles, asphalt	Asphalt Composition	_____	cy x	0.22 =	_____
	Shingle	_____	cy x	0.22 =	_____
Unpainted Wood/Pallets	By board foot	_____	bd ft x	0.001375 =	_____
	By cubic yard	_____	cy x	0.15 =	_____
Trash/Garbage		_____	cy x	0.18 =	_____
Other (estimated weight)		_____	cy x	estimate =	_____
		_____	cy x	estimate =	_____
		_____	cy x	estimate =	_____
		_____	cy x	estimate =	_____
				Total all =	_____