



CITY OF SIMI VALLEY
Building & Safety Division

**Construction & Demolition Debris
Waste Management & Recycling Program**

Projects Requiring A Waste Management Plan (WMP)

- Every newly constructed building or structure (CALGreen 101.3)
- Residential additions and alterations that increase the building's conditioned area, volume or size (CALGreen 301.1.1)
- New residential buildings (CALGreen 301.2)
- Nonresidential additions of 1,000 sq. ft. or greater and alterations with a permit valuation of \$200,000 or above (CALGreen 301.3)
- Demolition of any structure requiring a permit

Waste Management Plan (WMP)

Projects meeting or exceeding the above requirements must complete and submit a Waste Management Plan prior to the issuance of a building permit. Incomplete forms will be returned to applicant and will delay the issuance of permits. It's best to submit this completed WMP with your permit application.

If you have questions, please call the Building and Safety Division at (805) 583-6723.

Project Address: (Include floor, suite, etc.)		
Contact Name	Title	
Company Name		
Contact Mailing Address		
City	State	Zip
Phone		

(Over)

- 1) Project Type (check one): ___ New Construction ___ Addition/Alteration ___ Demolition
- 2) Building Type (check one): ___ Non-residential ___ Single Family/Duplex/Apartment
- 3) Tenant Improvement (check one): ___ Yes ___ No
- 4) Size of Project _____ SF
- 5) Briefly describe project (e.g. renovate warehouse, remodel office, etc).

6) How will scrap or waste materials be handled to ensure salvage, reuse or recycling?

7) How will employees and subcontractors be notified of your recycling plan and goals?

REQUIREMENT:

Recycle 100% of asphalt & concrete materials (tons) and 65% or more of all other construction or demolition debris (tons).

Calculate how much scrap or debris may be generated during construction or demolition, with an estimation of the amount that is salvageable or recyclable. Keep all tonnage receipts from the Waste Management Company and provide all receipts to your Building Inspector at the final inspection. Final approval will not be given without verification of compliance with the project's Waste Management Plan.

Projected Tonnage of recycled material, _____ tons*.

*See attached *Average Amount of Construction & Demolition Debris Generated by Project Type* charts for guide.

Official Use Only:

WMP Submitted ____/____/____ Counter Staff Initials _____

Application (permit) #: _____

Approved _____ Date _____

Problem Form , reason _____

App. Contacted ____/____/____



CITY OF SIMI VALLEY
Building & Safety Division

Building Permit Applicants

Construction & Demolition Debris Waste Management & Recycling Program

Waste Management Plan Description

Building Permit applicants are required to develop a recycling plan for all waste, scrap, and debris generated for the scope of work covered by a building permit. As a part of the City of Simi Valley's Green Building Standards, a Waste Management Plan (WMP) must be submitted with your permit application and must be approved prior to the issuance of a building permit. Failure to submit the WMP will delay the issuance of permit(s). The following projects are affected:

- Every newly constructed building or structure (CALGreen 101.3)
- Residential additions and alterations that increase the building's conditioned area, volume or size. (CALGreen 301.1.1)
- New residential buildings (CALGreen 301.2)
- Nonresidential additions of 1,000 sq. ft. or greater and alterations with a permit valuation of \$200,000 or above (CALGreen 301.3)
- Demolition of any structure requiring a permit

The WMP documents how projects will meet the City's requirement of reducing the amount of construction and demolition debris sent to the City's landfill by 65% or greater.

(The WMP documents are an acceptable alternate to providing a construction waste management plan per CALGreen 4.408 or 5.408, which require the recycle and/or salvage for reuse a minimum of 65% of the nonhazardous construction and demolition waste.)

Submit completed WMP forms to the Building and Safety Division with your plans.

**Have questions? Contact Building and Safety at
(805) 583-6723**

What you need to know

Studies have shown that nearly 25% of trash sent to landfills was from building and demolition activities. State law mandates that cities reduce this total amount by 65%. The City Council of the City of Simi Valley has adopted a 65% goal and we are now on the way to meeting that goal. You are part of the solution.

The Building and Safety Construction and Demolition Waste Recycling Program was established to meet and document the 65% recycling goal by keeping materials from being buried forever. This program targets all materials generated during construction or demolition projects, including the spoils from removing a parking lot; new drywall; framing; and concrete and masonry scraps; and as the materials generated from the demolition of structures. In the past all of this “waste” has been treated as trash. It has been established that nearly everything found on a construction site has some value. Value can be in the form of actual cash from metals, or reduced fees for tipping, like clean lumber and drywall.

What you need to do

Here are three steps for compliance with the City’s Construction Debris Waste Reduction and Recycling requirements:

- **Step 1 – Complete and submit a Waste Management Plan with your permit application. All estimates must be in tons.**

Use the “Average Amount of Construction & Demolition Debris Generated by Project Type” to assist in figuring projected tonnage of waste and recycling materials.

- **Step 2 - During construction maintain records.**

These include weight/gate tags, receipts and invoices for hauling and recycling services.

- **Step 3 – Save and provide your waste records for verification by your Building Inspector at final inspection.**

If the minimum recycling rate is not met, additional information (in writing) explaining why the minimum cannot be met. For example, written verification of hazardous materials contamination is required if stated as the reason for not meeting the City’s waste and recycling requirements.

Who should complete the WMP

The applicant (e.g., architect, owner, etc.) is ultimately responsible for submitting a completed WMP with their Building Permit application. The WMP may be completed by whoever is most knowledgeable about the types and quantities of debris that will be generated from the project. If you need help, ask the contractor, subcontractor, or estimator for assistance.

Subcontractor participation

If subcontractors are required to remove debris from the job site, they can play a key role in helping you meet the City's recycling requirements. Inform subcontractors of your waste reduction and recycling program, outlined on the WMP, and what is required of them in the early stages of the project. The applicant must include and provide documentation for any materials subcontractors are generating and hauling. We strongly recommend including specifications or other language for recycling and/or reuse in your contracts. Informing your sub-contractors of your requirements up front helps eliminate confusion later.

Review process

The WMP Form will be reviewed to ensure that it is complete and accurate. Building and Safety staff will review your WMP to determine if the applicant's estimates for quantities of materials generated and the plan for reducing waste by 65% or greater are realistic. The WMP will not be approved and returned to the applicant for the following reasons:

- Form incomplete;
- Writing illegible;
- Calculations unrealistic or inaccurate; or
- Wrong form submitted.

A hold will be placed on issuance of permits until the revisions of an incorrect WMP are received and approved. Staff is not responsible for delays due to unapproved WMPs.

Final Inspection approval

Weight receipts from the waste management company must be submitted to your Building Inspector prior to the Final Inspection to determine if the applicant has met or exceeded the goals for reuse and recycling stated in their WMP.

Average Amount of Construction & Demolition Debris Generated By Project Type

TYPE OF PROJECT	POUNDS PER SQUARE FOOT	PER 5,000 SF PROJECT	
		POUNDS	TONS
Residential Construction	4.38	21,900	10.95
Nonresidential Construction	4.02	20,100	10.05
Residential Demolition (Single-Family)	111.3	556,500	278.25
Residential Demolition (Multi-Family)	127	635,000	317.5
Nonresidential Demolition	155	775,000	387.5
Nonresidential Renovation	17.7	88,500	44.25
Residential Renovation	Varies by Project	N/A	N/A

Typical Debris Generated by New Residential Construction

DEBRIS TYPE	PERCENT
Wood	42.4%
Drywall	27.3%
Concrete	12.0%
Brick & Other Mixed Debris	7.3%
Cardboard	5.4%
Metals	1.8%
Asphalt	1.4%
Plastics & Foam	1.4%
Other Packaging	0.6%
Textiles	0.4%
TOTAL	100%