



Hughson Building Department

7018 Pine St. Hughson, CA 935326
Hughsonbldg@hughson.org (209) 883-4054

CONSTRUCTION WASTE MANAGEMENT PLAN DISPOSAL AND RECYCLING

CONSTRUCTION WASTE MANAGEMENT- PROGRAM

Construction waste diversion reduces the burden on landfills and promotes the conversion or recycling of existing materials.

There are two recommended methods of compliance that will meet the minimum **65%** reduction of construction and demolition waste requirement set forth by the California Green Code. Either of the two options listed below are recommended to comply with recycling and/or salvage, for reuse, of the non-hazardous construction and demolition waste that may occur on the site.

OPTION 1: CONSTRUCTION WASTE MANAGEMENT - PLAN

Submit a construction waste management plan in conformance with Items 1 through 5. The construction waste management plan shall be updated as necessary and shall be available during construction for examination by the enforcing agency.

1. Identify the construction and demolition waste materials to be diverted from disposal by recycling, reuse on the project or salvage for future use or sale.
2. Specify if construction and demolition waste materials will be sorted on-site (source separated) or bulk mixed (single stream).
3. Identify diversion facilities where the construction and demolition waste material collected will be taken.
4. Identify construction methods employed to reduce the amount of construction and demolition waste generated.
5. Specify that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

OPTION 2: WASTE MANAGEMENT COMPANY

Utilize a waste management company within Stanislaus County that is recognized and approved by the State of California (<http://www.calrecycle.ca.gov/condemo/materials/>), which can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with the "Construction Waste Management" section above. Note: The owner or contractor may make the determination if the construction and demolition waste materials will be diverted by a waste management company.



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Waste Management Compliance Guide

Project Type	Requirement	Refer to
If your project is an addition or alteration that increases the building's conditioned area, volume, or size:	Recycle and/or salvage for reuse a minimum of 65% of the nonhazardous construction and demolition waste by developing and following a waste management plan (WMP) that is to be approved by the city prior to the commencement of construction and submitted at the end of the project with receipts from the disposal site(s).	2016 California Green Building Standards Codes Section 4.408.2, 4.408.3, or 4.408.4
If your project is a newly constructed building, building addition of 1,000 square feet or greater, and/or building alterations with a permit valuation of \$200,000 or above:	Verify and include in WMP that Universal Waste items such as fluorescent lamps and ballast and mercury containing thermostats as well as other California prohibited Universal Waste materials are disposed of properly and are diverted from landfills.	2016 California Green Building Standards Codes Section 5.408.2
If your project primarily deals with land clearing:	Report to the city that 100% of trees, stumps, rocks, and associated vegetation and soils shall be reused or recycled. There are <i>exceptions</i> for vegetation and soil that is contaminated by disease or pest infestation.	2016 California Green Building Standards Codes Section 5.408.3



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Construction and Demolition Waste Management Plan

Permit #: _____ Application Date: _____

Job Site Address: _____ Zip Code: _____

Applicant Name: _____ ☐ Owner ☐ Contractor

Applicant e-mail: _____ Applicant Phone: _____

Applicant Address: _____ City/ZIP: _____

Project Name: _____ Project Size (sq.ft.): _____

Project Description: _____

Project Type:

☐ Air Conditioning/Heating ☐ Construction ☐ Demolition ☐ Electrical ☐ Plumbing ☐ Roofing
☐ Sign Installation ☐ Solar Installation ☐ Swimming Pool ☐ Other: _____

1. How do you plan to dispose of the debris that you will generate with your project?

☐ I will hire the city permitted hauler Gilton Solid Waste Management (209) 527-3781 -

OR -

☐ I will self-haul debris to: _____ (See Resource List for locations)

2. What materials will be generated by your project?

☐ Asphalt

☐ Bricks / rocks

☐ Cardboard

☐ Concrete / Cement

☐ Dirt / Clean Fill

☐ Drywall / sheetrock

☐ Glass / Windows

☐ Lumber / Wood Metals

☐ Mixed construction materials

☐ Roofing materials ☐ composite

☐ Salvaged items (fixtures, furniture)

☐ Other (please specify): _____

3. As the owner of, or agent for this permit application, I understand that by signing this form, the permit applicant is responsible for the debris generated under this project, and will comply with the city's recycling and reporting requirements, even if the work is performed by a subcontractor or third party. **Failure to comply may result in fines and/or citations.**

Applicant's Signature

Date

Print Name

Title (owner, contractor, agent, etc.)



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Construction and Demolition WMP Report

Complete and submit this form within 14 days of project completion, including canceled projects.

You must provide receipts and/or weight tags to verify your information.

Permit #: _____ Application Date: _____

Job Site Address: _____ Zip Code: _____

Applicant Name: _____ ☐ Owner ☐ Contractor

Applicant e-mail: _____ Applicant Phone: _____

Applicant Address: _____ City/ZIP: _____

Project Name: _____ Project Size (sq.ft.): _____

Project Type:

☐ Air Conditioning/Heating ☐ Construction ☐ Demolition ☐ Electrical ☐ Plumbing ☐ Roofing
☐ Sign Installation ☐ Solar Installation ☐ Swimming Pool ☐ Other: _____

Material Type	Tons Recycled / Reused	Tons Disposed (landfill)	Taken To (receipts/weight tickets must be attached)	Method of Transport (Self-Haul, Site Collection, Pick Up)
Asphalt				
Brick / Rocks				
Cardboard				
Concrete / cement				
Dirt / Clean Fill				
Drywall / Sheetrock				
Glass				
Lumber / Wood				
Metals (AC, water heaters)				
Mixed construction materials				
Plastic				
Roofing <input type="checkbox"/> composite				
Salvaged Items				
Other (please specify)				
Total Material				

If you have nothing to report, please explain:

E-MAIL, FAX, OR MAIL COMPLETED WMP REPORT TO:

e-mail: hughsonbldg@hughson.org FAX: (209) 883-2638

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Determine the Weight of Your Debris

How to convert pounds into tons:

To convert pounds to tons, divide the number of pounds by 2000 (1 ton = 2,000 pounds).

Example: 700 pounds (lbs) ÷ 2000 pounds/ton = 0.35 tons

How to convert cubic yards into tons:

Select the type of material recycled/reused from the chart on the right

Multiply the corresponding number by the total number of cubic yards recycled/reused.

1 cubic yard of asphalt = 0.69 tons (T)

Example: 5 cubic yards (cy) of asphalt =
5 cy x 0.69 tons per cubic yard = 3.45 tons

Salvaged Materials:

Please estimate the quantity of material recycled/reused. Your estimates should be provided in tons.

Example: 25 pounds ÷ 2000 pounds per ton = 0.02 tons

How to calculate the percentage of materials recycled and/or reused:

To determine the percentage of material recycled/reused, divide the number of tons which were recycled/reused by the TOTAL tonnage generated by this job.

$$\text{DIVERSION RATE} = \text{Percent Recycled and Reused} = \left(\frac{\text{recycled tons} + \text{reused tons}}{\text{recycled tons} + \text{reused tons} + \text{disposed tons}} \right) \times 100\%$$

Example:

$$\frac{1 \text{ ton recycled} + 1 \text{ ton reused}}{1 \text{ ton recycled} + 1 \text{ ton reused} + 2 \text{ tons disposed (landfilled)}} = \frac{2}{4} = 0.5 \text{ (multiply 0.5 by 100 = 100\%)}$$

Material Type	Tons per Cubic Yard
Asphalt	0.69
Brick	1.51
Cardboard	0.05
Concrete	0.93
Dirt/Clean Fill	1.00
Drywall/Sheetrock	0.20
Lumber	0.17
Plastic	0.17
Roofing Materials	0.21
Metals	0.45
Mixed Materials	0.25
Yard Trimmings/ Green Waste	0.05

Demolition - Deconstruction

Deconstruction

Deconstruction is a cost saving alternative to traditional complete demolition by recycling, reusing or donating materials for tax write offs, instead of disposing them in landfills. The advantages of deconstruction may include tax deductions for material donations, cost-savings by reusing materials, preservation of vintage architecture, and avoidance of city fines and permit delays.

Salvaged items in working condition, such as double-pane windows, lighting fixtures, sinks, cabinets, ceiling fans, doors, etc., can be dropped off at:

- | | |
|---|--|
| 1. Habitat for Humanity Restore
630 Kearney Avenue
Modesto, CA 95350
(209) 575-4585
Contact: Gary Torrijos x101
www.stanislaushabitat.org/ | 2. The Reuse People
9235 San Leandro Street
Oakland, CA 94603
(510) 383-1983
(888) 588-9490
http://www.thereusepeople.org |
|---|--|

The following company will deconstruct buildings and structures of larger projects, and then recycle, reuse and salvage almost all of the building materials:

Marcan Enterprises
P.O. Box 304,
Moss Beach, CA 94038
(650) 580-2922

House Moving

Moving a house or structure to a separate location is another alternative to demolition. Contact the following house and structure movers in our area:

Fisher Bros. House Movers 2801 E. Lovelace Road, Stockton 95202 (209) 982-0283	Lozano & Delgado, Inc. 2398 Pheasant Run Circle, Stockton 95207 (209) 983-0212
Montgomery Contractors, Inc. 3611 51st Avenue, Sacramento 95823 (916) 395-2417	W.C. Maloney, Inc. 4020 Newton Road, Stockton 95213 (209) 942-1129

House Donation

Donating a house structure can yield tax benefits. The following organizations are interested:

ACLC, Inc. 315 N. San Joaquin Street, Stockton, CA 95202 (209) 466-6811	SJ Habitat for Humanity 4933 West Lane, Stockton, CA 95210 (209) 465-5054
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ALWAYS ASK FOR A RECEIPT AND WEIGHT TICKET WHEN DROPPING OFF ITEMS

Construction and Demolition Debris Resource List

Drop Off Recycling Facilities (Self-Haul)

<p>Contact the facility directly for information on pricing and materials. Always identify yourself as a City of Hughson C&D customer.</p> <p>Collected receipts and weight tickets should be submitted with your completed Commercial/Demolition Recycling Plan.</p>				Materials accepted for recycling																	Additional Notes
				Asphalt (ask about shingles)	Brick	Cardboard	Concrete	Cement	Ceramics	Dirt/Clean Fill	Drywall/Sheetrock	Glass	Lumber / Wood	Metals (i.e. AC, water heater)	Mixed Recyclable Materials	Plastic	Roofing - composition	Roofing - wood shingles	Salvaged Items (doors, fixtures)	Yard Trimmings	
Company	Address	City	Phone																		
C&D Recyclers																					
Recology	6133 Hammett Court	Modesto	866-764-5765	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	recologymodesto.com
Metal Recyclers																					
Modesto Junk Company, Inc	1425 9 th Street	Modesto	209-522-1435									X		X		X					Will take e-waste too
Inert Materials Recyclers																					
FTG (Frank Alegre)	915 W. Anderson Street	Stockton	209-334-2112	X	X		X	X						X							charges if dirty /rebar
Granite Construction	10500 S. Harlan Road	French Camp	209-982-1484	X			X														clean only
United Facilities, Inc.	3535 Perlman Drive	Stockton	209-470-1489	X	X		X			X											
Roofing & Other																					
Stockton Shingle Dump - SPT	10500 South Harlan Road	French Camp	916-533-8013														X				Save \$\$ on clean load
Central Valley Transfer Station*	1333 E. Turner Road	Lodi	209-333-5660			X							X	X		X				X	CRV** only
Lovelace Transfer Station	2323 E. Lovelace Road	Manteca	209-982-5770	X	X	X	X					X	X	X		X	X	X		X	clean lumber & concrete
North County Landfill	17720 E. Harney Lane	Lodi	209-887-3868	X	X	X	X					X	X	X				X			
ReUse People	6350 27th Street	Sacramento	209-241-3614																X		deconstruction expert
Stockton Wood Shavings	938 E. French Camp Rd	French Camp	209-982-0552										X	X							
Habitat for Humanity	630 Kearney Ave	Modesto	209-575-4585																X		working condition only

* will only recycle separated materials

**CRV (California Redemption Value) includes glass, plastic, aluminum cans, and bottles

Note: Permit applicants using any of the above facilities for their project will be considered in compliance with the City's recycling requirements.

Please see reverse page for a list of City permitted waste haulers.

Construction and Demolition Debris Resource List

Permitted Waste Haulers (Job Site Collection Services)

<p><i>Identify yourself as a City of Hughson C&D customer when contacting a permitted hauler.</i></p>				Materials accepted for recycling														
				Asphalt (ask about shingles)	Brick	Cardboard	Concrete	Construction and Demolition Disposal	Dirt - Clean Fill	Drywall - Sheetrock	Glass	Lumber	Metals	Mixed Recyclable Materials	Plastic	Roofing Materials	Salvaged Items (lumber, fixtures)	Yard Trimmings
Company	Address	City	Phone															
Gilton Resource Recovery/Transfer Facility	800 S. McClure Rd.	Modesto	209-527-3781	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Note: Permit applicants using any of the above facilities for their project will be considered in compliance with the City's recycling requirements.

Only permitted waste haulers can collect and remove construction debris directly from a job site and transport debris to a recycling facility. You may choose to self-haul waste generated from your project to any drop off recycling facility (see reverse for locations).