



CONSTRUCTION WASTE MANAGEMENT PLAN

Project Name: _____
Project Location: _____
Building Permit #: _____ Project Sq. Ft.: _____
Contractors Name: _____ Telephone: _____
Owners Name: _____ Telephone: _____

This construction waste management plan is hereby submitted to comply with either section [4.408.2](#) (residential) or section [5.408.1.1](#) (nonresidential) of the current California Green Building Standards Code.

The purpose of this plan is to identify and outline the methods to be used as the minimum requirements for a construction waste management plan when the local jurisdiction does not have a construction and demolition waste management ordinance per Section 4.408.2. (Residential) or Section 5.408.1.1 (Non-Residential)

1. The method of waste tracking to be used on this project will be: (Check one box)

- Volume** **Weight** **4 Lbs. per Sq. Ft.** **Recycling Facility**

2. Construction waste generated on this project for transport to a recycling facility will be:
(Check appropriate box)

- Sorted on-site (Source-separated)** **Bulk mixed (Single stream)**

3. The facility (or facilities) where the construction waste material will be taken is:

Name of Facility: _____

Address: _____

Telephone: _____

(Attach separate sheet for additional facilities)

4. The following construction methods will be used to reduce the amount of waste generated: (Check all that apply)

- Efficient design (dimensions of building components are designed to available material sizes or standard sizes).
 Careful and accurate material ordering.
 Careful material handling and storage.
 Panelized or prefabricated construction.
 Other _____
 Other _____

5. Waste reduction and recycling strategies shall be discussed at periodic project meetings. Each new [Contractor]* that comes onto the site shall be provided with a copy of the CWMP, which shall also be posted in the project office. The [Project Manager]* shall also instruct all [Subcontractors]* as to the location and proper use of debris boxes for disposal of construction waste materials.

Current CALGreen Construction Waste Management Requirements

Residential Compliance Methods (4.408)

Occupancy	Covered Projects	Waste Diversion	Waste Diversion Tracking	Space Enclosure
New Construction & Demolition ⁵	Locally Permitted Structures (301.3.2)	<p>≥ 65% Waste Diversion (4.408.1)</p> <p>Or</p> <p>≤ 3.4 lbs/ft² disposal for low-rise, ≤ 3 stories (4.408.4)</p> <p>Or</p> <p>≤ 2 lbs/ft² disposal for high-rise, ≥ 4 stories (4.408.4.1)</p>	<p>Submit a Waste Management Plan (4.408.2)</p> <p>Or</p> <p>Use a waste management company with verifiable documentation (4.408.3)</p>	<p>Provide areas that serve the entire building for depositing, storage and collection of materials for recycling including metals, paper, glass, cardboard, plastics and organic waste (4.410.2)</p> <p>Only applies to multifamily dwellings⁶ with ≥ 5 units (4.410.2)</p>
Additions	Certain additions (301.1.1) ⁷	≥ 65% Waste Diversion (4.408.1)	Use a waste management company with verifiable documentation (4.408.3)	NA
Alterations	Certain alterations (301.1.1) ⁸			NA

⁵ - Projects with demolition-only permit (not included with a construction permit) is outside the scope of the CALGreen building code. Therefore, jurisdictions using CALGreen for C&D waste management should address recycling in demolition-only projects should they occur.

⁶ - See Section 1102A.1 for CALGreen’s definition of multifamily dwellings.

⁷ - Section 301.1.1 applies to additions or alterations of existing residential buildings where the addition or alteration increases the building's conditioned area, volume, or size. Applies only to and or within the specific area of addition or alteration.

⁸ - Section 301.1.1 applies to additions or alterations of existing residential buildings where the addition or alteration increases the building's conditioned area, volume, or size. Applies only to and or within the specific area of addition or alteration.

Current CALGreen Construction Waste Management Requirements

Non-Residential Compliance Methods (5.408)					
Occupancy	Covered Projects	Waste Diversion	Waste Diversion Tracking	Space Enclosure	Universal Waste
New Construction & Demolition ¹	Locally Permitted Structures (301.3.2)	≥ 65% Waste Diversion (5.408.1) Or ≤ 2 lbs/ft ² Disposal (5.408.1.3)	Submit a Waste Management Plan (5.408.1.1) Or Use a waste management company with verifiable documentation (5.408.1.2)	Provide areas that serve the entire building for depositing, storage and collection of materials for recycling including metals, paper, glass, cardboard, plastics and organic waste (5.410.1)	NA
Additions				See Above (5.410.1) Applies to certain additions ² (5.410.1.1)	Verify that Universal Waste is properly disposed. A list of materials shall be in the construction documents (5.408.2) Applies to certain additions ³ (301.3)
Alterations				NA Applies to certain alterations ⁴	See Above (5.408.2)

¹ Projects with demolition-only permit (not included with a construction permit) is outside the scope of the CALGreen building code. Therefore, jurisdictions using CALGreen for C&D waste management should address recycling in demolition-only projects should they occur.

² All additions conducted within a 12-month period under single or multiple permits, resulting in an increase of 30 percent or more in floor area, shall provide recycling areas on site. CALGreen Section 5.410.1.1

³ Applies to nonresidential additions 1,000 ft² or greater. CALGreen Section 301.3

⁴ Applies to building alterations with a permit valuation of \$200,000 or above. CALGreen Section 301.3

Current CALGreen Construction Waste Management Requirements

Waste Diversion Requirement

- Newly constructed buildings and demolition projects shall divert from landfills at least 65% of the construction and demolition (C&D) materials generated at the project site.
- All locally permitted additions and alterations to **non-residential** projects shall also meet the minimum 65% waste diversion requirement.
- Additions and alterations to **residential** buildings that increase the structure's conditioned area, volume or size are also required to meet the 65% waste diversion requirement.

Methods of Compliance

- 1) Enforcing agencies can require contractors to develop and maintain a waste management plan and document diversion and disposal. OR
- 2) Utilize a waste management company that can provide verifiable documentation that it meets 65% waste diversion. OR
- 3) Use a waste stream reduction alternative:
 - Non-residential new construction and residential high rise (4 stories or more) projects with a total disposal weight of ≤ 2 lbs/ft² meets the 65% waste diversion requirement.
 - Residential low rise (3 stories or less) with new construction disposal of ≤ 3.4 lbs/ft² meets the 65% waste diversion requirement.

Recycling by Occupants (Space for Recycling)

- Newly constructed non-residential buildings, certain non-residential additions and multi-family housing with ≥ 5 units should provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at minimum) paper, corrugated cardboard, glass, plastics, organic waste and metals.

Universal Waste

- Universal waste (such as batteries, e-waste, lamps, cathode ray tubes/glass, aerosol cans) from non-residential addition and alteration projects shall require verification that the materials are disposed of properly and diverted from landfills. A list of prohibited universal waste materials shall be included in the construction documents. This is required for nonresidential additions of 1,000 ft² or greater and building alterations with a permit valuation of \$200,000 or above.

Recycled Content (Voluntary for Non-Residential Structures)

- Use recycled content materials that meets specified Recycled Content Value. Or simply use two (Tier 1) or three (Tier 2) materials out of 9 product types on the list: exterior paint, carpet, compost, mulch, acoustical ceiling panels, drywall, aggregate base, fiberglass or cellulose insulation.



Division of Environmental Health

100 H Street - Suite 100 - Eureka, CA 95501
Phone: 707-445-6215 - Toll Free: 800-963-9241
Fax: 707-441-5699
envhealth@co.humboldt.ca.us

Commercial and Residential Construction, Demolition & Inert (CDI) Waste Guide

- Waste resulting from all construction and demolition projects must be handled in accordance with state and local regulations.
- Household and hazardous wastes must be handled separately and are not acceptable as part of this waste stream.
- Mixed (unsorted) CDI waste must be transported to an approved disposal or transfer-processing facility.
- Materials to be recycled must be separated at the point of origin and taken to a legitimate CDI recycling center or CDI transfer- processing facility.
- Waste that is transported outside of Humboldt County for disposal at a permitted landfill must be accurately accounted for by weight. Copies of weight tickets generated at the landfill must be provided by the transporter to Humboldt Waste Management Authority (HWMA: 707-268-8680) for state-mandated waste generation tracking purposes and for payment of appropriate in-county waste generation fees.
- The applicant should have demonstrated proposed disposal/recycling plans for the proposed project at the time a building permit is obtained for construction and/or demolition.

Sites where CDI can be received and processed in Humboldt County

Recommendation: call in advance to ensure the site can accept your material and whether a fee will be charged

C&D Processing Facilities

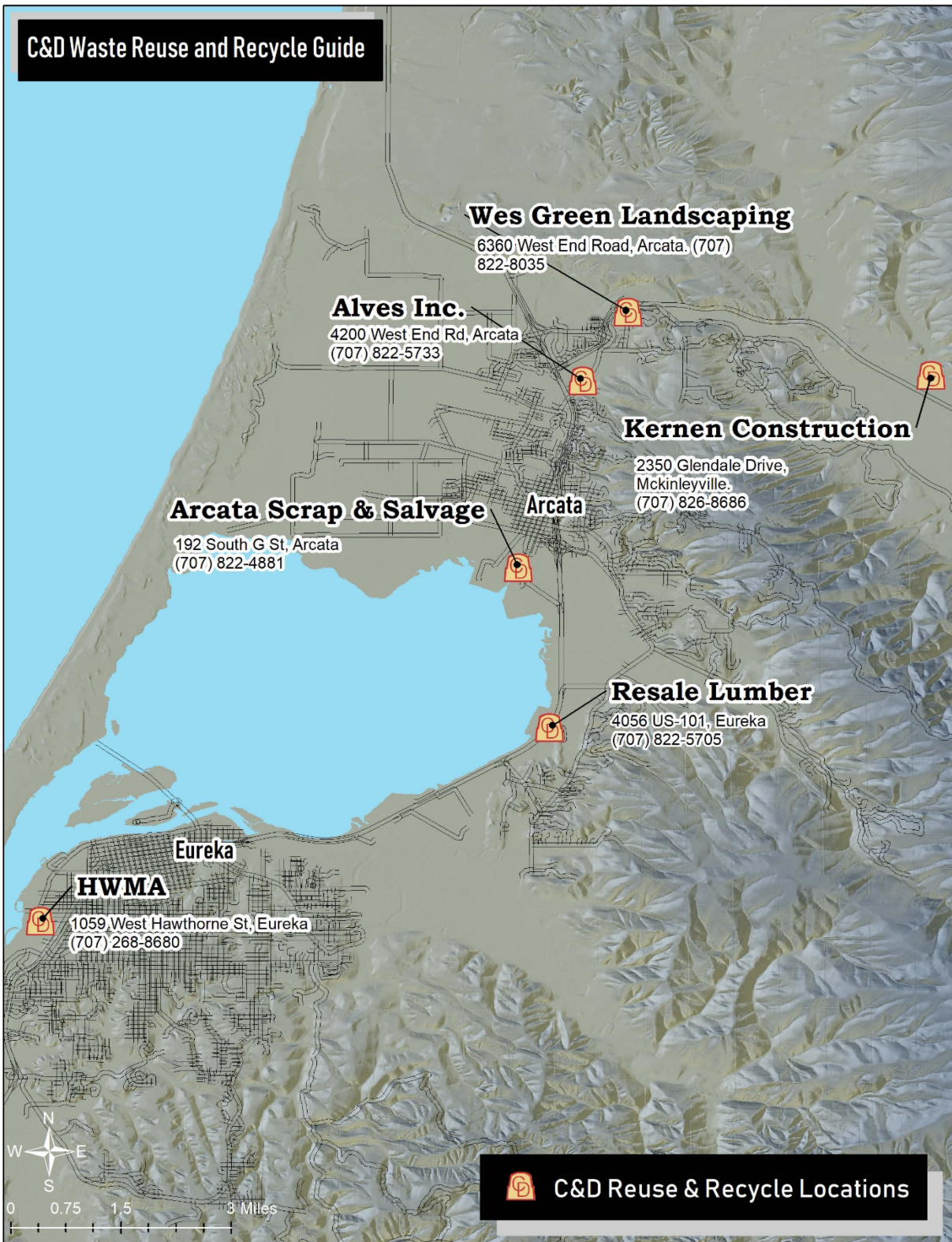
- Alves Inc.
(707) 825-4725
4200 West End Road
Arcata, CA 95521
- Eel River Transportation & Salvage CDI
(707) 725-6530
850 Riverwalk Drive
Fortuna, CA 95540

Inert Debris Recycling Centers

- Alves Inc.
(707) 825-4725
200 West End Road
Arcata, CA 95521

- Kernen Construction in Blue Lake
(707) 826-8686
2350 Glendale Drive
McKinleyville, CA 95519
- Mercer-Fraser – Essex site
(707) 443-6371
90 Glendale Drive
Arcata, CA 95521
- Mercer- Fraser – Fortuna Plant A
(707) 443-6371
700 Riverwalk Drive
Fortuna, CA 95540
- Mercer- Fraser – Willow Creek Plant
(707) 443-6371
390 Highway 96
Willow Creek, CA 95573

C&D Waste Reuse and Recycle Guide



Wes Green Landscaping

6360 West End Road, Arcata. (707) 822-8035

Alves Inc.

4200 West End Rd, Arcata
(707) 822-5733

Kernen Construction

2350 Glendale Drive,
Mckinleyville,
(707) 826-8686

Arcata Scrap & Salvage

192 South G St, Arcata
(707) 822-4881

Arcata

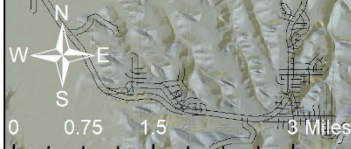
Resale Lumber

4056 US-101, Eureka
(707) 822-5705

Eureka

HWMA

1059 West Hawthorne St, Eureka
(707) 268-8680



 **C&D Reuse & Recycle Locations**

Construction and Demolition Recycling Guide	Arcata Scrap and Salvage (707) 822-4881	Humboldt Waste Management Authority (707) 268-8680	Kernen Construction (707) 826-8686	Resale Lumber (707) 822-6034	Wes Green Landscaping (707) 822-8035	Alves Inc (707) 825-4725
Asphalt			✓			
Bath Fixture						\$5
Brick/Masonry/Tile/Cinder Block			✓			
Cardboard		✓				
Carpet / carpet padding		\$90/Ton				\$160/ton
Ceiling Tile (Acoustic)		✓				
Containers - bottles/cans		✓				
Concrete - concrete blocks / pier blocks			✓			
Dirt						\$10/ton clean, \$80/ton Mixed, \$160/ton Grow
Doors	If metal					
Drywall (new) - unpainted sheets / scrap						Free without wire
Drywall (Used)						\$160/ton
Electrical Panels	✓	✓				
Furnace/Water Heater	✓	✓				\$25/each
Green waste - brush, trees etc.		\$90/ton				
Metal - scrap, rail, rebar, etc.	✓	✓	✓			\$160/ton
PVC Pipe						
Roofing, Roof Shingles	Tin/Corrugated					\$160/ton
Trash, non recyclable materials						
Windows, Window Frames	Metal Frames		✓	If complete window		\$160/ton
Wood, pallets, untreated/unpainted		\$90/ton		Call	✓	\$160/ton



CONSTRUCTION WASTE FINAL CERTIFICATION

To be filled out and signed at final inspection before final building inspection approval.

Project Location: _____
Building Permit #: _____
Contractors Name: _____
Owners Name: _____

Recycled Nonhazardous Waste*	Amount
Total Recycled Nonhazardous Waste:	

÷ Total Nonhazardous Waste: _____ = _____ % (min. 65%)

* Table not required to be completed if using a waste management company.

I declare under penalty of perjury and hereby certify that:

- I am the owner/contractor for the above referenced Construction Waste Management Plan (CWMP).
- I have completed and reviewed the above referenced CWMP.
- I have adhered to the 12 itemized methods of waste management described in the above referenced CWMP.
- I have recycled and/or salvaged for reuse a **minimum of 65%** of the nonhazardous construction and demolition waste in accordance with current California Green Building Standards Code section 4.408.2, 4.408.3, 5.408.1.1, 5.408.1.2, 5.408.1.3 OR have met a local construction and demolition waste management ordinance for the above referenced project.

Owner/Contractor/Agent Signature: _____ **Date:** _____

PURSUANT TO THE CURRENT CALIFORNIA RESIDENTIAL CODE AND CALIFORNIA BUILDING CODE, THE BUILDING OFFICIAL OR HIS DESIGNEE ARE AUTHORIZED TO CONDUCT INSPECTIONS IN ORDER TO DETERMINE CODE COMPLIANCE. COMPLETION AND SUBMISSION OF THIS FORM DOES NOT WAIVE, NEGATE, OR DIMINISH THE BUILDING OFFICIAL'S INSPECTION AUTHORITY AND DOES NOT LIMIT THE BUILDING OFFICIAL'S RIGHT TO CONDUCT INSPECTIONS FOR CODE COMPLIANCE AND/OR TO VERIFY THAT THE INFORMATION CERTIFIED ABOVE IS ACCURATE.