



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 2019 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.

6. Every effort shall be made to use recycling and/or reuse (diversion) measures to reduce the amount of construction waste and other materials sent to landfills. Whenever possible, site-sorted debris boxes shall be used to segregate construction waste materials to maximize the diversion rate.
7. The [Contractor]* shall provide debris boxes for materials sorted on-site (source-separated) and/or bulk mixed (single stream) waste for all construction related waste generated on this project. Mixed construction waste shall be taken to a recycling facility that has a diversion rate of at least 65 percent. In the event that a [Subcontractor]* provides their own debris box, they shall be responsible for providing the [Contractor]* with a monthly report of the total Recycled and Reused (Diverted) and the total Non-Recycled (Disposed) materials to be included in the project's overall waste management/waste reduction program.
8. Any [Supplier]* hauling away packaging or waste materials shall notify the [Contractor]* of the amount of these materials and how they will be disposed of (reused, recycled, salvaged, or taken to landfill).
9. Identified below are the construction waste materials that will be reused and/or recycled during the course of this project and how they will be diverted:

Material	Diversion Method: (Recycle/Reuse)

(See Construction Waste Management Worksheets for examples of common materials.)

10. The [Waste Hauler]* shall track the total amount of construction waste leaving the project by weight or by volume and supply the [Contractor]* with copies of tickets or detailed receipts from all loads of construction waste removed from the jobsite.
11. The [Contractor]* shall monitor the process of waste management, recycling, and reuse of construction waste materials to ensure compliance with the CWMP during the course of the project.
12. The [Contractor]* shall ensure that all supporting documentation which demonstrates compliance with the waste management plan is provided to the local enforcement agency upon completion of the project.

* Insert title of appropriate party or responsible person, which may include, but not be limited to: **Contractor(s), Subcontractor(s), Project Manager(s), Superintendent(s), Supplier(s), or Waste Hauler(s).**

* Refer to the attached handout created by CalRecycle for more information.

2016 & 2019 CALGreen Construction Waste Management Requirements

Summary Created by CalRecycle

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	

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

2016 & 2019 CALGreen Construction Waste Management Requirements

Summary Created by CalRecycle

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>
		<p>≥ 65% Waste Diversion (4.408.1)</p>		<p>NA</p>
Additions	Certain additions (301.1.1) ⁷	<p>≥ 65% Waste Diversion (4.408.1)</p>	<p>Use a waste management company with verifiable documentation (4.408.3)</p>	<p>NA</p>
Alterations	Certain alterations (301.1.1) ⁸			<p>NA</p>

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.

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2016 & 2019 CALGreen Construction Waste Management Requirements

Summary Created by CalRecycle

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

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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