



TOWN OF PARADISE

5555 SKYWAY • PARADISE, CALIFORNIA 95969-4931

TELEPHONE (530) 872-6291 FAX (530) 877-5059

www.townofparadise.com

2010 CalGreen Nonresidential Mandatory Measures

❖ Planning and Design

Site Development

5.106.1 Storm water pollution prevention plan. For newly constructed projects of less than one acre, develop a Storm Water Pollution Prevention Plan (SWPPP) that has been designed, specific to its site, conforming to the State Storm water NPDES Construction Permit or local ordinance, whichever is stricter, as is required for projects one acre or more. The plan should cover prevention of soil loss by storm water run-off and/or wind erosion, of sedimentation, and/or of dust/particulate matter air pollution.

5.106.4 Bicycle parking and changing rooms. Comply with Sections 5.106.4.1 and 5.106.4.2; or meet local ordinance or the University of California Policy on Sustainable Practices, whichever is stricter.

5.106.8 Light pollution reduction. Comply with lighting power requirements in the *California Energy Code*, CCR, Part 6, and design interior and exterior lighting such that zero direct-beam illumination leaves the building site.

5.106.10 Grading and paving. The site shall be planned and developed to keep surface water from entering buildings. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows.

❖ Energy Efficiency

5.201.1 Scope. It is the intent of this code to encourage buildings to achieve exemplary performance in the area of energy efficiency.

❖ Water Efficiency and Conservation

Indoor Water Use

5.303.1 Meters. Separate meters or metering devices shall be installed for Buildings in excess of 50,000 square feet and Excess consumption greater than 1,000 gal/day.

5.303.2 Twenty percent savings. A schedule of plumbing fixtures and fixture fittings that will reduce the overall use of potable water within the building by 20 percent shall be provided.

5.303.4 Wastewater reduction. Each building shall reduce by 20 percent wastewater by: The installation of water-conserving fixtures or Utilizing nonpotable water systems.

5.303.6 Plumbing fixtures and fittings. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall meet the Cal Green standards.

5.410.2 Commissioning. For new buildings 10,000 square feet and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner's or owner representative's project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. Commissioning requirements shall include:

1. Owner's or Owner representative's project requirements.
2. Basis of design.
3. Commissioning measures shown in the construction documents.
4. Commissioning plan.
5. Functional performance testing.
6. Documentation and training.
7. Commissioning report.

5.410.4 Testing and adjusting. Testing and adjusting of systems shall be required for buildings less than 10,000 square feet. Develop a written plan of procedures for testing and adjusting systems such as:

1. HVAC systems and controls.
2. Indoor and outdoor lighting and controls.
3. Water heating systems.
4. Renewable energy systems.
5. Landscape irrigation systems.
6. Water reuse systems.

❖ **Environmental Quality**

Fireplaces

5.503.1 General. Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed woodstove or pellet stove.

Pollutant Control

5.504.3 Covering of duct openings and protection of mechanical equipment during construction. At the time of rough installation, or during storage on the construction site and until final startup of the heating and cooling equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheetmetal or other methods acceptable to the enforcing agency to reduce the amount of dust or debris which may collect in the system.

5.504.4 Finish material pollutant control. Finish materials adhesives, sealants, caulks, paints and coatings shall comply with statewide VOC standards.

5.504.4.4 Carpet systems. All carpet installed in the building interior shall meet the testing and product requirements of one of the following:

1. Carpet and Rug Institute's Green Label Plus Program.
2. California Department of Public Health Standard Practice for the testing of VOCs (Specification 01350).
3. NSF/ANSI140 at the Gold level.
4. Scientific Certifications Systems Indoor Advantage™ Gold.



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MINIMUM EROSION AND SEDIMENT CONTROLS FOR PROJECTS DISTURBING LESS THAN ONE ACRE

The BMP's (Best Management Practices) listed below must be in place during the rainy season (October 15 through April 15) and may be required at other times based on weather and site conditions throughout the year. The BMP's listed are minimum requirements and additional BMP's could be required based on site conditions.

- Stabilized entry: Provide minimum 3" to 6" fractured rock 50' long x 15' wide by 6" deep over construction grade fabric.
- All soils tracked onto paved roadways must be cleaned up on a daily basis. When streets are wet or during a rain event there shall be no tracking of soils onto the street.
- Wattles installed properly behind curb or sidewalks.
- Rock bags (minimum 2 per side) at all drain inlet locations within 150' of the project site.
- Internal filters placed inside each drain inlet.
- Trash bars across the back of all drain inlets.
- Stabilize all disturbed soils in the front yard areas within 15' of the back of curb or sidewalk. (Straw or erosion blankets may be used for this application)
- Stabilize all slopes where erosion could occur and cause silt run off. (Straw, visqueen or erosion blankets may be used for this application)
- All paint, fuel, construction products etc. shall be stored in a covered location away from sidewalks and storm drain inlets.
- Portable chemical toilets if provided on the site must be kept off of streets and sidewalks and at least 50' from the nearest storm drain inlet.
- All trash must be collected and stored properly. Do not let items such as drywall mud boxes, paint buckets, cleaning material containers etc. come in contact with any rainfall or storm water runoff.
- Provide a designated area for concrete washout. Hay bales lined with visqueen may be used for this application. Rollaway bins may also be used. All concrete washout systems shall be placed off of the paved streets.
- After installation of the above items is complete a maintenance program needs to be developed to insure the continued effectiveness of your BMP's.

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APN: _____ Building Permit # _____

Owner Name: _____

Owner Mailing Address: _____ Owner Phone: () _____

Jobsite Address: _____ Project Sq. Ft.: _____ Project Type: Construction Demolition

Jobsite Contact: _____ Company: _____ Jobsite Phone: () _____

Brief description of project: _____

By signing below, I acknowledge that I am responsible for complying with the requirements of Ordinance 2006-3925 (Chapter 31, Article VII) related to recovery of construction and demolition debris and the lack of compliance may result in delays in issuance of building/demolition permit(s), hold on final inspection(s) and/or penalties.

Applicant: _____
 (Owner / Contractor) Signature: _____ Date: _____
 (Circle)

MATERIAL (1)	Reuse	Recycle (2)	Dispose	FACILITIES/SERVICE PROVIDERS TO BE USED (3)
Inert Material (Concrete, asphalt)				
Lumber				
Plan/Tree Debris				
Dry Wall				
Metal				
Cardboard				
Other: _____				
Other: _____				

Recovery Plan approved: _____ (Building Division) _____ Date: _____

Please refer to the Butte County online Recycling Directory for local recycling service providers at: www.RecycleButte.net.

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APN: _____ Building Permit # _____

Owner Name: _____ Owner Phone: () _____

Jobsite Address: _____ Project Type: Construction Demolition

Jobsite Contact: _____ Company: _____ Jobsite Phone: () _____

MATERIAL	Reuse Tonnage	Recycle Tonnage	Disposal Tonnage	ACTUAL FACILITIES/SERVICE PROVIDERS USED
Inert Material (Concrete, asphalt)				
Lumber				
Plant/Tree Debris				
Dry Wall				
Metal				
Cardboard				
Other: _____				
Other: _____				

Total tons of material disposed of (not recycled or reused) _____

Total tons of material not disposed (either recycled or reused) _____

Percent recycled/reused _____ %

Please sign indicating that the above information is true and correct to the best of your knowledge:

Applicant: _____ Date: _____
 (Owner or Contractor): _____
 Circle which _____

Final Report returned with comments: _____ (Initial) _____ Date: _____

Final Report approved: (Building Inspector) _____ Date: _____

Attach copies of weight receipts, gate tags, or other verifying information for all materials that were reused, recycled or disposed.

Construction & Demolition (C&D) Recycling and Salvage Information

General Waste Services:

- Recology Butte Colusa Counties
538-5868, 342-2222
- Waste Management
893-4777
- Northern Recycling & Waste Services
876-3340

Material Recovery Facilities:

- Recology Butte Colusa Counties
2720 S. 5th Ave, Oroville 533-5868

Inert Recycling facilities:

- Neal Road Recycling & Waste Facility
1023 Neal Road
- Knife River Construction Co,
1764 Skyway, Chico, 891-6555
- Granite Construction Co.
4714 Pacific Heights Rd, Oroville,
538-7616

Fixtures and building Materials:

- Re-Store (Habitat for Humanity)
220 Meyers, Chico, 895-1271

Scrap Metal:

- Aldred Scrap/Steel Mill Recyclers
786 Oro-Chico Hwy, Durham, 342-4930
- Chico Scrap Metal
766 Oro-Chico Hwy, Durham, 345-1476
- Norcal Recyclers
1855 Kusel Rd, Oroville, 532-0262

Yard/Wood Wastes:

- North Valley Organic recycling
4441 Cohasset Rd, Chico, 624-3529

- Recology Butte Colusa Counties Recycling
Center
2720 S. 5th Ave., Oroville, 533-5868

- Earthworm Soil Factory
Neal Road off Hwy 99, 895-9676

- Town of Paradise Vegetative Waste Facility
Clark Rd. & American Way, Paradise
877-0824

- Old Durham Wood Co.
342-7381

- Neal Road Recycling & Waste Facility
1023 Neal Road

Cardboard:

- Chico Scrap Metal
878 E 20th St, Chico, 343-7166
- Chico Transfer & Recycling
2569 Scott Ave, Chico, 893-0333

- Work Training Center
2300 Fair St, Chico, 343-8641

- Nor-Cal Recyclers
1855 Kusel Rd, Oroville

Other Resources:

- Cal-Max
www.ci/wmb.ca.gov/CalMAX

- Green Building Information
www.epa.gov/epaoswer/non-hw/debris-new/index.htm

- Butte County Public Works Dept.
Solid Waste & Recycling Division
879-2352

- www.RecycleButte.net

This partial list is for informational purposes only and not an endorsement of any products or services.



VOC COMPLIANCE CERTIFICATION

ADHESIVE (NONE <input type="checkbox"/>)	MANUFACTURER	CALGreen LIMIT ¹	ACTUAL VOCs

SEALANT (NONE <input type="checkbox"/>)	MANUFACTURER	CALGreen LIMIT ¹	ACTUAL VOCs

ARCHITECTURAL COATINGS (NONE <input type="checkbox"/>)	MANUFACTURER	CALGreen LIMIT ¹	ACTUAL VOCs

FORMALDEHYDE COMPLIANCE CERTIFICATION

PRODUCT (NONE <input type="checkbox"/>)	MANUFACTURER	CURRENT LIMIT	ACTUAL
Hardwood plywood veneer core		0.05	
Hardwood plywood composite core		0.08	
Particleboard		0.09	
Medium density fiberboard		0.11	
Thin medium density fiberboard		0.21	

All Carpet installed in the building interior meets the testing and product requirements of the following (check one)

- Carpet and Rug Institute's Green Label
- California Department of Public Health Standard Practice for the testing of VOCs
- NSF/ANSI 140 at the Gold Level
- Scientific Certifications Systems Indoor Advantage™ Gold
- No carpet installed on this project

I certify that the information provided on this form is accurate and that the materials used on this project comply with Section 4.504 (Residential) or 5.504 (Non-Residential) of the 2010 California Green Building Standards Code.

Print name

Signature

Date

¹ See other side of page for VOC limits