

**CONSTRUCTION WASTE MANAGEMENT PLAN (CWMP) FORM****BPC-071**

The County of Sonoma requires that construction/demolition waste generated at a site is either diverted to recycle or salvage at a minimum of 65% for all projects. This requirement originates with State law, specifically, CALGreen (Part 11, Title 24, California Code of Regulations), Sections 5.408.1 and 4.408.1, and SB 1383 (the Short-lived Climate Pollutant Reduction Act of 2016) regulations CCR 1414 California Code of Regulations Section 18989.1(a)(2) (the Short-lived Climate Pollutant Reduction Act of 2016). To document these efforts a Construction Waste Management Plan is required for this project.

This Construction Waste Management Plan (CWMP) form (BPC-071) will act as the required CWMP for the construction project.

This form is required to be submitted to Permit Sonoma two times: first prior to the first inspection or the start of work; and second prior to occupancy or permit final. This form initially acts as waste reduction plan and secondly as the final documentation of how the plan was implemented.

Please fill out BPC-071 in its entirety, including the signatures. For the initial submission, the information in the table in item 9 are the projections for the amounts intended to be recycled/salvaged and the amounts intended for disposal; who will be conducting the hauling; the destination of the materials; and the method of transport.

This information will likely change or be adjusted over the course of the project. It is required that a revised BCP-071 will be submitted at the end of the project with documentation via weight tags, receipts, invoices, or other forms to report construction waste material volumes and/or weights. The weight receipts and tickets are required to document the actual amounts that were recycled/salvaged and amounts that were disposed.

In both instances, submit by uploading the form in its entirety to the ACA Permit Sonoma permit portal. Following this protocol will ensure the form is uploaded to the permit file.

**Permit Sonoma will not conduct inspections until the first submission is made.** Similarly, Permit Sonoma will not grant occupancy or the permit final until the second submission of BPC-071 is made.

Date \_\_\_\_\_ Building Permit Number \_\_\_\_\_

Type of Project  Construction  Demolition  Roofing  Electrical, Mechanical, Plumbing  Other \_\_\_\_\_

Project Name: \_\_\_\_\_ Project Size Square Feet \_\_\_\_\_

Job Site address \_\_\_\_\_

Contractor Name \_\_\_\_\_ Phone \_\_\_\_\_ Email \_\_\_\_\_

Owner Name \_\_\_\_\_ Phone \_\_\_\_\_ Email \_\_\_\_\_

This construction waste management plan is hereby submitted to comply with either Section 4.408.2 (Residential) or Section 5.408.1.1 (Non-Residential) of the 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 5.4081.1 (Non-Residential)

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

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

- Volume    Weight    4 Lbs. Per Sq. Foot    Recycling Facility

2. Construction waste generated on this project for transport to a recycling facility will be:

- Sorted On-Site (Source-separated)    Sorted Off-Site (Single stream)

3. The Disposal Service or Hauling Facility (or Facilities), where the construction waste material will be taken is:

Facility \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

**(ATTACH SEPARATE SHEET FOR ADDITIONAL FACILITIES)**

4. The following construction methods will be used to reduce the amount of waste generated. Check that 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. List the title of appropriate party or responsible person, which may include, but not be limited to:

Contractor \_\_\_\_\_

Subcontractor \_\_\_\_\_

Project Manager \_\_\_\_\_

Superintendents \_\_\_\_\_

Supplier \_\_\_\_\_

Waste Hauler \_\_\_\_\_

Other \_\_\_\_\_

6. 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** to the location and proper use of debris boxes for disposal of construction waste materials.

7. 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.
8. 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 (65%). 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.
9. 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 take to landfill).
10. Identified below are the construction waste materials that will be reused and/or recycled during this project and how they will be diverted:

Material Type	Recycled/ Reused (in tons or percentage)	Amount Disposed (in tons or percentage)	Hauler or Destination (weight receipts and tickets must be attached for final report)	Method of Transport (Self-Haul or site collection, please note if different in final report)
Asphalt				
Dirt/Clean Fill				
Concrete/Grinding				
Brick/Rocks				
Mixed Materials				
Drywall/Sheetrock				
Lumber				
Roofing				
Metals				
Cardboard				
Salvaged Items				
Other				
Other				
Other				
Total Diversion				

11. 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.
12. 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.

13. The **Contractor** shall ensure that all supporting documentation which demonstrates compliance with the CWMP is provided to the local enforcement agency upon completion of the project.

Notes

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If you have nothing to report, please explain

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**Section 1** – Initial CWMP Submittal and Verification: Complete and submit prior to first inspection to Permit Sonoma.

Contractor/ Owner-Builder Signature and date \_\_\_\_\_

Print Name \_\_\_\_\_

Building Official/Designee Approval and Date \_\_\_\_\_

Print Name \_\_\_\_\_

**Section 2** – CWMP Documentation resubmittal verification: The signee below attest and certifies that the project identified above diverted their construction waste in accordance with the requirements set forth in the current version of the California Green Building Standards Code as amended by Chapter 7 of the Sonoma County Code.

BCP-071 is required to be resubmitted at the end of the project with documentation via weight tags, receipts, invoices, or other forms to report construction waste material volumes and/or weights. The weight receipts and tickets are required to document the actual amounts that were recycled/salvaged and amounts that were disposed.

Contractor/ Owner-Builder Signature and date \_\_\_\_\_

Print Name \_\_\_\_\_

Building Official/Designee Approval and date \_\_\_\_\_

Print Name \_\_\_\_\_

Please call (707) 565-1900 or e-mail [PermitSonoma@SonomaCounty.gov](mailto:PermitSonoma@SonomaCounty.gov) for further assistance.

### Conversion Table

To calculate the percentage of materials recycled and/or reused:

To determine the percentage of materials recycled/reused, divide the number of tons which were recycled/ reused by the total tonnage generated by the job.

$$\text{Percent Recycled/Reused} = \frac{\text{recycling + reused tons}}{\text{recycling tons + reused tons + disposed tons}}$$

*Example:*  $\frac{1\text{-ton recycling} + 1\text{-ton reused}}{1\text{-ton recycling} + 1\text{ ton reused} + 2\text{ tons disposal}} = \frac{2}{4} = 0.5$  (multiply 0.5 by 100 = 100%)

#### Salvaged Materials

Please estimate the quantity of material recycled/reused. Your estimates should be provided in tons. *Example:* 25 pounds + 2000 pounds = 0.02 tons

#### How to convert pounds to tons

To convert pounds to tons, divide the number by pounds by 2,000 pounds. 1-ton = 2,000 pounds

*Example:* 700 pounds + 2000 pounds = 0.35 tons

#### How to convert cubic yards to tons:

Select the type of material recycled/reused from the chart to the right.

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

1 cubic yard of asphalt = 0.69 tons

*Example:* 5 cubic yards of asphalt = 5 x 0.69 = 3.45 tons

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
Green Waste	0.05