



CITY OF FONTANA
COMMUNITY DEVELOPMENT DEPARTMENT
Building and Safety Division

Construction Waste Management Plan (CWMP)
(Provide During Plan Review)

Building permit applicants must prepare a Construction Waste Management Plan (CWMP) as a means of documenting project compliance with the CalGreen Code, Sections 4.408 and 5.408. Applicants must complete this form and submit it with each building permit application to the City of Fontana Building & Safety Division. Per the City's Sole Franchise Hauler Agreement, all hauling resulting from construction or demolition activities may only be contracted through Burrtec Waste Industries per Fontana Municipal Code, Chapter 24-31(B).

If you require any assistance completing this form, please contact Burrtec Customer Service at (909) 822-9739.

Project Name: _____

Permit Number: _____

Project Address: _____

Contractor Name: _____

Contractor Phone: _____

Under the terms of the CalGreen Code, contractors must choose one of the following means to recycle a **minimum** of 65% of the construction debris from landfills. The chosen company shall provide verifiable documentation of diverted percentages.

Please check the appropriate box indicating the recycling method of your choice:

- Contract for hauling services with the City's franchise hauler, Burrtec Waste (Diversion reporting provided by Burrtec). **If checked, skip to signature block below.**
- Self-haul all project debris to an appropriate Construction Materials Recycling/Disposal Facility. (Residential Only. Contractors/homeowners wishing to self-haul must own the collection container and vehicle that the project debris will be hauled in.) **If checked, fill out pages 1-4 and submit prior to permit issuance. Pages 5 & 6 are due at the time of final inspection.**

Disposal Tonnage

| | |
|--|--|
| Estimated tonnage of waste to be generated by project: | |
| Estimated tonnage of waste to be recycled by project: | |

All Subcontractors shall comply with the project's CWMP.

All Subcontractor foremen shall sign the CWMP Acknowledgement Sheet (page 4 of 6).

No permit will be issued without the completion and approval of a CWMP.

In addition:

1. Construction Waste Management Worksheet identifies the waste materials that will be generated on this project, the diversion strategy for each waste type and the anticipated and final diversion rate (pages 3 and 5 of 6).
2. Salvage: Excess materials that cannot be used in the project, nor returned to the vendor will be offered to site workers, the owner or donated to charity if feasible.

I am aware that all receipts, weigh tickets, invoices, or other acceptable evidence of recycling construction debris must be provided to the City prior to final inspection as proof that at least 65% of the amount of debris generated by this project was recycled and that non-compliance will result in project delay or no final inspection.

| | | |
|------------|--|--------|
| Signature: | | Title: |
|------------|--|--------|

| | |
|-------------|--|
| Print Name: | |
|-------------|--|



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Construction Waste Management Plan (CWMP) Acknowledgement (Provide During Plan Review)

The City of Fontana is mandated by the State of California to implement programs to reduce the amount of waste sent to landfills by 65% by the year 2017 and beyond. In order to comply with this State mandate, the City requires all general contractors, subcontractors, or homeowners to provide a Construction Waste Management Plan (CWMP). The plan outlines how recoverable material will be diverted from the landfill. **Weight slips documenting the actual disposed and diverted amounts must be provided. The final CWMP must be completed at the conclusion of the project and submitted to the Building & Safety Division prior to final inspection.** An estimated CWMP must be completed and submitted to the Building & Safety Division prior to permit issuance.

Acknowledgement

I have received a copy of the City of Fontana's Construction Waste Management Plan.

It is acknowledged and agreed that during construction the _____
(Name: General Contractor,
Subcontractor, or Homeowner) will monitor and maintain compliance with the
Construction Waste Management Plan provided to the City of Fontana by the _____
(Name: General Contractor, Subcontractor, or Homeowner).

The signature below represents acknowledgement and agreement with the City of Fontana Construction Waste Management Plan. Prior to final inspection the complete CWMP package, pages 1 through 6, shall be provided to the Building & Safety Division.

| | | |
|---|--------------|--|
| COMPANY NAME: (General Contractor, Subcontractor, or Homeowner) | | |
| Responsible Person's Name (Print): | | Responsible Person's Name (Signature): |
| CSLB License Number: | Date Signed: | Company Position or Title: |



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Construction Waste Management Plan (CWMP) Worksheet Part 1
(Provide During Plan Review and During Construction)

Part One: Anticipated Material Disposal/Diversion Worksheet

Please complete this worksheet to help identify the types of materials, estimated quantities, and how the waste material will be reduced, recycled, or disposed from your project site. Estimates should be calculated in tons (see Materials Conversion Table on page 6 for conversion factors if needed).

Comingling Sorting:

Sorted on Site:

| Project Name: | | | | |
|---|------------------------------------|-------------------|----------|---------------------------|
| APN: | Permit # | | | |
| Material Type | A | B | C | D |
| | Total Quantity Construction Wastes | Salvaged or Reuse | Recycled | Disposal (non-recyclable) |
| EXAMPLE: Asphalt | 1 ton | 0.25 tons | 0.5 tons | 0.25 tons |
| Asphalt | | | | |
| Concrete | | | | |
| Shotcrete | | | | |
| Metals | | | | |
| Wood | | | | |
| Rigid Insulation | | | | |
| Fiberglass Insulation | | | | |
| Acoustic Ceiling Tile | | | | |
| Gypsum Drywall | | | | |
| Carpet/Carpet Pad | | | | |
| Plastic Pipe | | | | |
| Plastic Buckets | | | | |
| Plastic | | | | |
| Hardiplank Siding & Boards | | | | |
| Glass | | | | |
| Cardboard | | | | |
| Pallets | | | | |
| Job office trash, paper, glass & plastic bottles, cans, plastic | | | | |
| Alkaline & rechargeable batteries, toner cartridges, and electronic devices | | | | |
| Other (specify) | | | | |
| TOTALS | | | | |

(Total Column B + Column C) / Column A = # x 100% = Total Diversion Percentage _____ %

Is the percentage listed above greater than or equal to 65% Yes No

- OR -

Total pounds disposed/total square footage of project = _____ lbs/sq ft (Residential: Maximum 3.4 lb/sq ft)
Are the lbs/sq ft listed above < / = 2 pounds/square foot (non-residential construction only) Yes No



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Construction Waste Management Plan (CWMP) Subcontractor Acknowledgement (Used During Project Construction)



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Construction Waste Management Plan (CWMP) Worksheet Part 2
(Due Prior to Final Construction)

Part Two: Actual Material Disposal/Diversion Worksheet

Please complete this worksheet to help identify the types of materials, quantities, and the waste material that was actually reduced, recycled, or disposed from your project site. Values are to be calculated in tons (see Materials Conversion Table on page 6 for conversion factors if needed).

Comingling Sorting:

Sorted on Site:

| Project Name: _____ | | | | |
|--|---------------------------------------|-----------------------|----------|---------------------------|
| APN: _____ | Permit #: _____ | | | |
| <p>This signature below represents that the information provided on this form is true and correct and certifies that I have tracked construction waste during the course of this project and that a minimum of 65% of the total waste has been diverted for either reuse or recycling.</p> <p>Company Name (General Contractor, Subcontractor, or Homeowner): _____</p> | | | | |
| Responsible Person's Name: _____ | Responsible Person's Signature: _____ | | | |
| Company Position or Title: _____ | Date Signed: _____ | CSLB License #: _____ | | |
| Material Type | A | B | C | D |
| | Total Quantity Construction Wastes | Salvaged or Reuse | Recycled | Disposal (non-recyclable) |
| EXAMPLE: Asphalt | 1 ton | 0.25 tons | 0.5 | 0.25 tons |
| Asphalt | | | | |
| Concrete | | | | |
| Shotcrete | | | | |
| Metals | | | | |
| Wood | | | | |
| Rigid Insulation | | | | |
| Fiberglass Insulation | | | | |
| Acoustic Ceiling Tile | | | | |
| Gypsum Drywall | | | | |
| Carpet/Carpet Pad | | | | |
| Plastic Pipe | | | | |
| Plastic Buckets | | | | |
| Plastic | | | | |
| Hardiplank Siding & Boards | | | | |
| Glass | | | | |
| Cardboard | | | | |
| Pallets | | | | |
| Job office trash, paper, glass & plastic bottles, cans, plastic | | | | |
| Alkaline & rechargeable batteries, toner cartridges, and electronic devices | | | | |
| Other (specify) | | | | |
| TOTALS | | | | |

THE SAME CALCULAITON USED IN PART 1 MUST BE USED IN PART 2

(Total Column B + Column C) / Column A = # x 100% = Total Diversion Percentage _____ %

Is the percentage listed above greater than or equal to 65% Yes No

- OR -

Total pounds disposed/total square footage of project = _____ lbs/sq ft (Residential: Maximum 3.4 lb/sq ft)

Are the lbs/sq ft listed above < / = 2 pounds/square foot (non-residential new construction **only**) Yes No

Construction Waste Management Plan (CWMP) Conversion Chart

| Material | Pounds/CY | Tons/CY |
|--|-----------------------|-------------|
| Acoustical Ceiling Tiles | 68 | 0.03 |
| Asphalt | 1380 | 0.69 |
| Brick | 3024 | 1.51 |
| Cardboard | 100 | 0.05 |
| Carpet | 84 | 0.04 |
| Concrete | 1855 | 0.93 |
| Drywall | 1620-2160 | 0.81-1.08 |
| Fiberglass Insulation | 17 | 0.085 |
| Glass (Window) | 80-100 | 0.04-0.05 |
| Gypsum Drywall | 500 | 0.27 |
| Mixed Construction & Demolition Debris | 900 | 0.45 |
| Mixed Office Recycling | 363.5 | 0.18 |
| Mixed Plastics | 32 | 0.02 |
| Mixed Waste/Trash | 100-350 | 0.05-0.0178 |
| Pallet | 35 (one average size) | 0.175 |
| Plastic Pipes | 341 | 0.17 |
| Scrap Metal | 906 | 0.45 |
| Wood | 329 | 0.27 |
| Brush (prunings) | 47 | 0.02 |
| Pine Needles | 74 | 0.04 |
| Stumps | 1080 | 0.54 |
| Metals | 906 | 0.45 |

For more conversion factors, please visit <http://www.calrecycle.ca.gov> and search "Conversion Factors".

Single Family Residential Only

Table 2: National Association of Home Builders Construction Waste Estimate of a Typical 2,000 sf house.

| Material | Weight (lbs) | Volume (CY) |
|------------------------|--------------|-------------|
| Solid Dimensional Wood | 1600 | 6 |
| Engineered Wood | 1400 | 5 |
| Drywall | 2000 | 6 |
| Cardboard | 600 | 20 |
| Metal | 150 | 1 |
| PVC | 150 | 1 |
| Masonry | 1000 | 1 |
| Hazardous Materials | 50 | - |
| Other | 1050 | 11 |
| TOTAL | 8000 | 50 |