



Construction and Demolition Waste Management Plan

Project Name: _____

Project Location: _____

Building Permit #: _____ **Project Sq. Ft.:** _____

Contractor's Name: _____ **Telephone:** _____

Owners Name: _____ **Telephone:** _____

This Construction and Demolition (C&D) waste management plan is hereby submitted to comply with the California Green Building Standard Code, and Section 17.64 of the Montebello Municipal Code.

The purpose of this plan is to identify and outline the methods to be used as the minimum requirement for a construction waste management plan.

1. The method of waste tracking to be used on this project will be: (See Examples Attached)

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

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

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: _____

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 WMP, which shall also be posted on site or in the project office. The Project Manager/Foreman shall also instruct all Subcontractors as to the location and proper use of debris boxes for disposal of construction waste materials.

I hereby submit this WMP application, along with the applicable attached worksheet.

Contractors Name: _____ **Email:** _____

Contractor's Signature: _____ **Company Name:** _____

Instructions for Weight or Volume Method

- Choose which method of construction waste to be used throughout the project. Choose either the Weight Method or the Volume Method, but do not use different methods on the same worksheet.
- To minimize confusion, use the same unit of measure and do not mix pounds and tons, or Cu. Yds. and Cu. Ft. on the same worksheet. It is easiest to stay with the same unit of measure for the entire project to avoid the need for conversation.
- Enter construction waste materials that are to be recycled under Recycled (Column A).
- Enter construction waste materials that are to be reused under Reused (Column B).
- Enter construction waste materials that will not get recycled or reused under Non-Recycled/Disposed (Column C).
- Add amounts from Column A to amounts from Column B and enter the total under Diverted (Column C).
- Add amounts in each Column (A, B, C, and D) and enter these sums into Total boxes.
- If the Diverted amount (Column C) is greater than the Non-Recycled/Disposed amount (Column D), compliance with the construction waste reduction requirements of at least **65 percent** per Section 4.408.1 has been achieved.
- When more than one worksheet is used, transfer the data onto the Weight or Volume Summary Worksheet at the completion of the project.

Examples of weights and volumes of some typical construction waste materials*

Material	Range of pounds per cubic yards	Typical pounds per cubic yard	Typical cubic yards per ton
Asphalt roofing material	250-460	360	5.5
Asphalt - paving	1300-2200	1750	1.1
Cardboard	70-135	85	23.5
Concrete	1300-2200	1750	1.1
Gypsum Drywall	315-470	400	5
Metals	220-1940	540	3.7
Wood	200-540	499	5

*Source: Sacramento Regional Solid Waste Authority

**Standard Conversion: 1 cubic yard equals 27 cubic feet
1 ton equals 2000 pounds**

Construction and Demolition Waste Management Worksheet (Volume Method)

Project Name:		Date:	Page of
Project Location:		Completed By:	
Project Manager:		Signature:	
Waste Hauler:			

Waste Material Type	A	B	C	D			Notes:
	Insert cubic foot or cubic yard totals into proper category below						
	Recycled		Reused		Diverted	Non-Recycled (Disposed)	
Asphalt		+		=			
Asphalt Shingles		+		=			
Brick (broken)		+		=			
Cardboard		+		=			
Carpet/Carpet Pad		+		=			
Concrete		+		=			
Gypsum Board (Drywall)		+		=			
Masonry		+		=			
Metals		+		=			
Pallets		+		=			
Plastic		+		=			
Wood (engineered)		+		=			
Wood (solid sawn)		+		=			
Office Waste		+		=			
Other		+		=			
Other		+		=			
Other		+		=			
Total:		+		=			

Step 1 – Insert volume totals into Columns A, B, and D where appropriate.
Step 2 – Add Column A to Column B and insert total into Column C for total diverted volume.
Step 3 – Add each column down and enter totals in the boxes provided.
 If column C is larger than Column D (on the summary sheet), compliance with **65 percent** waste reduction requirement is achieved.
 If multiple worksheets are used, transfer column totals from each worksheet to the summary sheet.
 For additional instructions and information, please see attached instructions.

Construction and Demolition Waste Management Worksheet (Weight Method)

Project Name:		Date:	Page of
Project Location:		Completed By:	
Project Manager:		Signature:	
Waste Hauler:			

Waste Material Type	A	B	C	D	Notes:
	Insert cubic foot or cubic yard totals into proper category below				
	Recycled		Reused		
Asphalt		+		=	
Asphalt Shingles		+		=	
Brick (broken)		+		=	
Cardboard		+		=	
Carpet/Carpet Pad		+		=	
Concrete		+		=	
Gypsum Board (Drywall)		+		=	
Masonry		+		=	
Metals		+		=	
Pallets		+		=	
Plastic		+		=	
Wood (engineered)		+		=	
Wood (solid sawn)		+		=	
Office Waste		+		=	
Other		+		=	
Other		+		=	
Other		+		=	
Total:		+		=	

Step 1 – Insert weight totals into Columns A, B, and D where appropriate.
Step 2 – Add Column A to Column B and insert total into Column C for total diverted weight.
Step 3 – Add each column down and enter totals in the boxes provided.
 If column C is larger than Column D (on the summary sheet), compliance with **65 percent** waste reduction requirement is achieved.
 If multiple worksheets are used, transfer column totals from each worksheet to the summary sheet.
 For additional instructions and information, please see attached instructions.

Construction and Demolition Weight or Volume Summary Worksheet

Project Name:		Date:	
Project Location:			
Project Manager:			
Waste Hauler:			
Worksheets by page#	C	D	Compliance Method (check only one box) <input type="checkbox"/> Volume <input type="checkbox"/> Weight
	Insert Totals Below		
	Diverted	Non-Recycled (Disposed)	
Worksheet 1			Notes:
Worksheet 2			
Worksheet 3			
Grand Totals:			

Step 1 – Insert totals from Weight or Volume worksheet in Column C and/or D.
Step 2 – Add each Column down and enter grand totals in the boxes provided.
If column C is larger than Column D Compliance with 65% waste reduction requirement is achieved.

Certification:

The signature below represent 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 minimum of 65% of the total waste has been diverted for either reuse or recycling.

Company Name: (general contractor, subcontractor, or homeowner)		
Responsible Person Name:	Responsible Person's Signature:	
CSLB License:	Date Signed:	Position with Company or Title:

Instructions for 4 Lbs. per Sq. Ft. Method

- Enter weight of construction waste materials (in Lbs.) under Waste Generated (Column A).
- Enter construction waste materials (in Lbs.) that are to be recycled or reused under Recycled and/or Reused (Column B).
- Subtract amounts in Column B from amounts in Column A and enter the difference under Net Waste (Column C).
- Add the amounts in each column (A, B and C) and enter these sums into Total boxes.
- Insert project square footage into Column D Total Box.
- Divide Net Waste (Column C) Total by Project Area (Column D) to find the net weight of construction debris/waste per Sq. Ft.
- Insert result into Column E. if the result is 4 lbs. or less per square foot, compliance with the construction waste reduction requirement of at least **65 percent** per Section 4.408.1 has been achieved.
- When more than one worksheet is used, transfer the data onto the 4 Lbs. per Sq. Ft. Summary Worksheet at the completion of the project.

Examples of weights and volumes of some typical construction waste materials*

Material	Range of pounds per cubic yards	Typical pounds per cubic yard	Typical cubic yards per ton
Asphalt roofing material	250-460	360	5.5
Asphalt - paving	1300-2200	1750	1.1
Cardboard	70-135	85	23.5
Concrete	1300-2200	1750	1.1
Gypsum Drywall	315-470	400	5
Metals	220-1940	540	3.7
Wood	200-540	499	5

*Source: Sacramento Regional Solid Waste Authority

**Standard Conversion: 1 cubic yard equals 27 cubic feet
1 ton equals 2000 pounds**

Construction and Demolition Waste Management Worksheet (4 Lbs. per Sq. Ft. Method)

Project Name:		Date:	Page of
Project Location:		Completed By:	
Project Manager:		Signature:	
Waste Hauler:			

Waste Material Type	A	B	C	D	E	
	Insert Totals Below				Total Area of Project* (Square Feet)	Total Lbs. per Square Foot
	Waste Generated		Recycled and/or Reused	Net Waste		
Asphalt	-		=			
Asphalt Shingles	-		=			
Brick (broken)	-		=			
Cardboard	-		=			
Carpet/Carpet Pad	-		=			
Concrete	-		=			
Gypsum Board (Drywall)	-		=			
Masonry	-		=			
Metals	-		=			
Pallets	-		=			
Plastic	-		=			
Wood (engineered)	-		=			
Wood (solid sawn)	-		=			
Office Waste	-		=			
Other	-		=			
Other	-		=			
Other	-		=			
Total:		-	=	÷	=	

Step 1 – Insert weight totals into Columns A and B where appropriate and total columns.
Step 2 – Subtract Column B total from Column A total and insert difference into Column C total (Net Waste).
Step 3 – Divide Net Waste (Column C) total by Project Area (Column D) to find the net weight of construction waste per Sq. Ft.
Step 4 – Insert result into Column E. If result is 4lbs. Or less per sq. ft., compliance with **65 percent** waste reduction requirement is achieved.
 For additional instructions and information, please see attached instructions.
 *Area of project also includes garages, breezeways, and attached roof structures (covered patios, etc.)

Construction and Demolition Waste Management Plan (Acknowledgments)

Project Name:
Project Location:
Project Manager:
Waste Hauler:

The project foreman for each subcontractor and their suppliers that will be performing any work on this site will receive and read a copy of the Waste Management Plan.

By signing below, I acknowledge that I have read the WMP for this project and agree to my responsibilities to follow the procedures in this plan.

Date	Company	Foreman Name	Signature