

Plan Number _____

City of Manhattan Beach Construction & Demolition Waste Management Plan

As of January 1, 2011, Manhattan Beach Municipal Code 5.26 requires construction projects to reuse or recycle 65% of all construction site waste (ALL Demo & Roof tear-off projects, and ALL construction with a total value of \$100K+). All haulers and contractors MUST have a business license in the City of Manhattan Beach.

REQUIRED GOAL: REUSE OR RECYCLE A MINIMUM OF 65% OF ALL PROJECT WASTE

Instructions:

1. Complete entire WMP & submit to the Permits Department at City Hall.
2. Reuse and/or recycle at least 65% of all construction site waste and keep good records of all facility weight tickets
3. Submit a copy of this WMP and ALL recycling and landfill facility weight tickets before Final Inspection to the Permits Department at City Hall.

Fines for Non-Compliance (MBMC 5.26.020): Demo projects up to \$5,000 and Construction projects up to \$10,000

Project Name: _____

Project Address: _____

Type of Project: New Construction Demolition Deconstruction
 Residential Commercial Public Building

Square Footage, Number of Units, or # Squares (for Reroof): _____

Type of Construction (wood frame, concrete, steel, etc.) _____

Total Project Value: \$ _____

Requesting Infeasibility Exemption: Yes No

Contractor Name: _____ Contact Name: _____

Address: _____ Contact Phone/Email: _____

List the Recycling Facility, NOT the Hauler. It's the facility the hauler will deliver the materials to for reuse or recycling.

Recycling Facility: _____ Rec. Facility Contact: _____

Recycling Facility Address: _____ Rec. Facility Contact Phone: _____

CITY USE ONLY		
	Application (Date)	Final (Date)
Approved		
Further explanation needed (see attached)		
Denied		
Infeasibility Exemption Approved		
Reviewed By		

Submit this form and the attached Waste Management Plan Table to:

WMP Compliance Official
City of Manhattan Beach
1400 Highland Avenue
Manhattan Beach, CA 90266

CITY OF MANHATTAN BEACH

Construction & Demolition Waste Management Plan Table

Project Name: _____

Total Estimated Waste Generated by Project: _____ (<i>IN TONS</i>). (Ask your hauler, recycler or site cleanup vendor to assist you. Use receipts from your previous jobs for estimates)						
Complete and return with Building Permit Application				Complete and return with receipts prior to final building approval		
Material Type	Estimated tons Reused/ Recycled	Estimated tons Disposed/ Landfilled	Vendor or Facility to be Used (Destination)	Actual tons Reused/ Recycled	Actual tons Disposed/ Landfilled	Vendor or Facility Used (Destination)
Asphalt & Concrete						
Bricks/Masonry/Tiles						
Building Materials (doors, windows, fixtures, etc.)						
Cardboard						
Concrete Pavement and Grindings						
Drywall (new, unpainted)						
Asphalt Pavement Grindings						
Landscape Debris (Plant & Tree Trimmings)						
Scrap Metal						
Unpainted Wood & Pallets						
Other (painted wood & drywall, roofing, etc.)						
Mixed C&D*						
Trash/Garbage						
TOTAL						

If you are requesting an infeasibility exemption and the estimated amount reused/recycled is less than 65%, please explain why (attach additional sheets if necessary):

Prepared by (please print): _____ Date: _____

Contractor Signature: _____ Phone Number: _____

* *Mixed C&D* is defined as a mixture of three or more materials (e.g. wood, drywall, roofing, etc.) from construction or demolition sites that will be taken to a "qualified" facility for recycling (See C&D Debris Recycling Guide).

Conversion Rates

The following conversion rates are estimates. The ranges vary widely, depending on how the materials are handled (compacted, loose, chipped, etc.). Use the conversion factors and receipts from any previous projects to help you estimate the potential amount of materials and diversion. Take into consideration the type and load of vehicles that will be used to haul the materials. Ask your hauler or recycler to assist you in estimating these numbers.

Material	Lbs/cy	Tons/cy
Asphalt	1,400 lbs/cy	0.7 tons/cy
Brick	2,430 lbs/cy	1.21 tons/cy
Cardboard	100 lbs/cy	0.05 tons/cy
Concrete	2,600 lbs/cy (Sources range from 1,000 to 4,000)	1.3 tons/cy
Dirt/Soils	2,660 lbs/cy	1.33 tons/cy
Drywall	700 lbs/cy	0.35 tons/cy
Wood (chipped)	300 - 650 lbs/cy	0.15 – 0.3 tons/cy
Mixed C&D Debris	900 lbs/cy	0.45 tons/cy
Mixed Waste/Trash	100 - 350 lbs/cy	0.5 - 0.175 tons/cy

Local Recycling Facilities

The following local facilities are commonly used by Manhattan Beach contractors. Each facility guarantees 75%+ diversion (recycling) of each load delivered:

Name of Facility	Phone Number	Materials Accepted
California Waste Services (CWS)	310-538-5998	Mixed, Inerts, Wood, etc.
Downtown Diversion	Customer service (818) 254-5008 Scale House (877) 933-4837	Mixed, Inerts, Wood, etc.