CITY OF
Los Alamitos
California

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WASTE MANAGEMENT PLAN FORM

1. PROJECT & APPLICANT INFORMATION

OWNER'S NAME_____DATE_____

PROJECT ADDRESS_____

OWNER TELEPHONE _____

CONTRACTOR NAME _____

CONTRACTOR CONTACT NAME _____

CONTRACTOR TELEPHONE _____

APPROXIMATE SQUARE FOOTAGE OF PROJECT _____

DEMOLITION DATES: START _____ END _____

CONSTRUCTION DATES: START _____ END _____

2. DESCRIPTION OF DIVERSION PLAN

Briefly state how waste materials will be handled at your job site to ensure salvage/reuse or recycling. Also, explain how you will inform your workers/sub-contractors of your Waste Reduction and Recycling Plan requirements and ensure their participation. If you choose Consolidated Disposal, no additional information is required.

☐ Consolidated Disposal Bins and Roll-off boxes will be used for this project.

_____

_____

_____

3. EXEMPTION

Please fill out the section below if you believe that your project is entitled to an exemption and not required to divert or recycle C&D debris.

_____

_____

4. MATERIAL HANDLING ESTLMATE

Please complete the Material Handling Estimate Worksheet (page 3). This form is used to identify the estimated types and quantities of materials and how the waste material will be reduced, recycled or disposed at your project site. Estimates should be calculated in tons. Please use the attached Materials Conversion Worksheet for conversion factors.

4a. Diversion Percentage Estimate from Section F. (page 3): _____%

4b. Is the percentage listed in 4a above greater than or equal to 65%? YES NO

4c. If NO, explain why: _____

_____

_____

5. "To the best of my knowledge, the tonnage and diversion percentage estimates reported on this form are my best estimate of the disposition of the construction and demolition materials generated at this project site."

SIGNATURE _____

PRINT NAME _____ DATE _____

****FOR CITY USE ONLY****

Plan Approval Status:

D Approved

D Further explanation needed (see attached)

D Denied

Exemption Status:

D Exempted Approved

D Exempted Denied

Comments:

_____

_____

_____

_____

Reviewed By: _____ Signature _____

Date _____

MATERIAL HANDLING ESTIMATE
WORKSHEET

Column A: List estimated quantities of waste for each material type (in tons). To convert yards to tons, use the attached Materials Conversion Worksheet.
Columns B, C, D: List estimated quantities reused, recycled, or disposed based on Column A quantities. **Column E:** State the name of all vendors or facilities used to reuse, recycle or dispose of materials listed. **Column Totals:** Add up all material quantities for each column.
Section F. Calculate the estimated diversion percentage in the section at the bottom of this worksheet and enter the percentage on page 2, line 4a, of this form. Attach another Material Handling Estimate Worksheet if more room is needed.

Materials	A Quantity Discarded	B Salvage or Reuse	C Recycling	D Disposal (Landfill)	E Proposed Destination(s)
Example: Cardboard	**2 tons**		**1.5**	**.5**	**(Recycle) XYZ Recycling Facility (Disposal) Prima Landfill**
Asphalt & Concrete					
Brick/Masonry/fitle					
Building Materials (doors windows, cabinets, ect.)					
Cardboard					
Carpet					
Carpet Padding/Foam					
Ceiling Tiles					
Drywall (new or used)					
Landscape Debris (brush, trees, ect.)					

MATERIAL HANDLING ESTIMATE
WORKSHEET

Materials	A Quantity Discarded	B Salvage or Reuse	C Recycling	D Disposal (Landfill)	E Proposed Destination(s)
Scrap Metal					
Unpainted Wood & Pallets					
Garbage/Trash					
Dirt			X		
Demolition		X	X		
Green Waste (trees, shrubs, turf,ect.)					
Mixed Debris					
Roofing					
Wood Shingle/Shake					
Concrete/Clay Tile					
Roof Decking					
Appliance/Equipment					

F. Diversion Percentage Estimate: *(Transfer % amount lo 4a on page 2)*

Column Totals B ____ + C _____ = _____ / A _____ = _____ X 100% = _____ %

MATERIAL HANDLING ESTIMATE
WORKSHEET

Material Category	Volume	Unit		Tons/Unit	Tons
Asphalt/Concrete					
Asphalt (broken)		cy	x	.7	= _____
Concrete (broken)		cy	x	.9	= _____
Concrete (solid slab)		cy	x	1.2975	= _____
Brick/Masonry/Tile					
Brick (broken)		cy	x	.7	= _____
Brick (whole, palletized)		cy	x	1.5212	= _____
Masonry block (broken)		cy	x	.6	= _____
Tile		sq ft	x	.00175	= _____
Building Materials (doors, windows, cabinets, etc.)		cy	x	.15	= _____
Cardboard (flat)		cy	x	.05	= _____
Carpet					
By square foot		sq ft	x	.0005	= _____
By cubic yard		cy	x	.3	= _____
Carpet Padding/Foam		sq ft	x	.000125	= _____
Ceiling Tiles					
Whole (palletized)		sq ft	x	.0003	= _____
Loose		cy	x	.0875	= _____
Drywall (new or used)					
½" (by square foot)		sq ft	x	.0008	= _____
5/8" (by square foot)		sq ft	x	.00105	= _____
Demo/used (by cubic yard)		cy	x	.25	= _____
Landscape Debris (brush, trees, ect.)		cy	x	.15	= _____
Scrap Metal		cy	x	.453	= _____

MATERIALS CONVERSION WORKSHEET

Material Category	Volume	Unit		Tons/Unit		Tons
Unpainted Wood & Pallets						
By board foot		bd ft	x	.001375	=	_____
By cubic yard		cy	x	.15	=	_____
Garbage/Trash		cy	x	.175		_____
Dirt						
By cubic yard		cy	x	1.03	=	_____
Demolition						
Complete demolition		sq ft of structure	x	40/2000		_____
Complete demolition with tile roof		sq ft of structure	x	47/2000	=	_____
Green Waste (trees, shrubs, turf, ect.)		cy	x	.25	=	_____
Mixed Debris (interior remodel)		cy	x	.2		_____
Roofing						
Asphalt composition shingle		roof sq ft	x	3/2000	=	_____
Wood Shingle/Shake		roof sq ft	x	2/2000	=	_____
Concrete/Cla)'.Tile		roof sq ft	x	I0/2000		_____
Roof Decking		roof sq ft	x	1.5/2000	=	_____
Appliance/Equipment						
Cook Top			x	.015	=	_____
Dishwasher			x	.050		_____
Refrigerator			x	.075	=	_____
Oven (single)			x	.038	=	_____

MATERIALS CONVERSION WORKSHEET

Material Category	Volume	Unit		Tons/Unit		Tons
Trash Compactor	_____		x	.020		_____
Water Heater 30 gallons	_____		x	.025	=	_____
Water Heater 40-50 gallons	_____		x	.038	=	_____
Bathtub (cast Iron)	_____		x	.150	=	_____
Bathtub (steel)	_____		x	.038	=	_____
Sink, cast iron	_____		x	.025		_____
Sink, porcelain	_____		x	.010		_____
Sink, steel	_____		x	.005	=	_____
Toilet	_____		x	.020		_____

cy = cubic yards **sq ft= square foot** **bd ft= board foot**

Sample Calculation:

Materials including I00 square feet of roof decking, 50 cubic yards of brick (broken), and a cast iron bathtub would compute as follows: (I 00 X 1.5 lbs.)/2000 + (50 X 7) + .15= (.075) + 35 + 0.15 = 35.225 Tons