

**CITY OF MISSION VIEJO
CONSTRUCTION AND DEMOLITION RECYCLING
MATERIALS CONVERSION WORKSHEET**

MATERIAL	VOLUME	UNIT		TONS/UNIT		TONS
Asphalt / Concrete						
Broken Asphalt	_____	CY	x	0.7	=	_____
Broken Concrete	_____	CY	x	0.9	=	_____
Solid Slab Concrete	_____	CY	x	1.2975	=	_____
Brick / Masonry / Tile						
Broken Brick	_____	CY	x	0.7	=	_____
Whole Brick (Palletized)	_____	CY	x	1.512	=	_____
Broken Masonry Block	_____	CY	x	0.6	=	_____
Tile	_____	Sq Ft	x	0.00175	=	_____
Building Materials (doors, windows, cabinets, etc.)						
Cardboard (flat)	_____	CY	x	0.05	=	_____
Carpet						
By Square Foot	_____	Sq Ft	x	0.0005	=	_____
By Cubic Yard	_____	CY	x	0.3	=	_____
Carpet Padding / Foam	_____	Sq Ft	x	0.000125	=	_____
Ceiling Tiles						
Whole (Palletized)	_____	Sq Ft	x	0.0003	=	_____
Loose	_____	CY	x	0.0875	=	_____
Drywall (new or used)						
½" (by Square Foot)	_____	Sq Ft	x	0.0008	=	_____
⅝" (by Square Foot)	_____	Sq Ft	x	0.00105	=	_____
Demo / Used (by Cubic Yard)	_____	CY	x	0.25	=	_____
Landscape Debris (brush, trees, etc.)						
Scrap Metal	_____	CY	x	0.453	=	_____
Unpainted Wood and Pallets						
By Board Foot	_____	Bd Ft	x	0.001375	=	_____
By Cubic Yard	_____	CY	x	0.15	=	_____
Garbage / Trash	_____	CY	x	0.175	=	_____
Dirt						
By Cubic Yard	_____	CY	x	1.03	=	_____

				CONVERSION RATE		TONS
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, etc.)	_____	CY	x	0.25	=	_____
Mixed Debris (e.g., interior remodel)	_____	CY	x	0.2	=	_____
Roofing						
Asphalt Composition Shingle	_____	Roof Sq Ft	x	3/2000	=	_____
Wood Shingle/Shake	_____	Roof Sq Ft	x	2/2000	=	_____
Concrete / Clay Tile	_____	Roof Sq Ft	x	10/2000	=	_____
Roof Decking	_____	Roof Sq Ft	x	1.5/2000	=	_____
Appliance / Equipment						
Cook Top	_____					0.015
Dishwasher	_____					0.050
Refrigerator	_____					0.075
Oven (single)	_____					0.038
Trash Compactor	_____					0.020
Water Heater (30 gallons)	_____					0.025
Water Heater (40-50 gallons)	_____					0.038
Bathtub (cast iron)	_____					0.150
Bathtub (steel)	_____					0.038
Sink (cast iron)	_____					0.025
Sink (porcelain)	_____					0.010
Sink (steel)	_____					0.005
Toilet	_____					0.020

SAMPLE CALCULATION: MATERIALS INCLUDING 100 SQ FT OF ROOF DECKING + 50 CY OF BROKEN BRICK + A CAST IRON BATHTUB WOULD COMPUTE AS: (100 x 1.5 LBS)/2000 + (50 x 0.7) + 0.15 = .075 + 35 + 0.15 = 35.225 TONS.

CY = Cubic Yards

Sq Ft = Square Foot

Bd Ft = Board Foot

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PERMIT #: _____