

## C&D Conversion and Mixed Recycling Worksheet

### Construction and Demolition Materials Conversion Worksheet

Use this worksheet to convert from common construction units to **TONS** and complete your Recycling Plan or your Summary Report. Recycling Plans and Summary Reports must be submitted with all materials listed in **TONS**. Skip to page 2 if you already calculated your scrap in **TONS**.

Step 1, calculate scrap or waste quantity for each material in typical units, sq ft, bdft, cy, etc., Calculated from materials take offs and waste factors. Enter into Column I.

Step 2, multiply by the conversion factor in Column II and put answer in Column III.

Step 3, transfer the TONS listed in Column III to the Recycling Plan or Summary Report, Column A, and follow the directions on those forms.

For additional assistance go to, [www.oaklandrecycles.com](http://www.oaklandrecycles.com), click on Recycling During Construction or call (510) 238-SAVE(7283) for help

<u>Material Category</u>		<u>Column I</u>		<u>Column II</u>	<u>Column III</u>
		<u>Volume</u>	<u>Unit</u>	<u>Tons/unit</u>	<u>Tons</u>
<b>Asphalt/Concrete</b>	Asphalt (broken)	_____	cy x	0.7 =	_____
	Concrete (broken)	_____	cy x	0.9 =	_____
	Concrete (solid slab)	_____	cy x	1.3 =	_____
<b>Brick/Masonry/Tile</b>	Brick (broken)	_____	cy x	0.7 =	_____
	Brick (whole, palletized)	_____	cy x	1.512 =	_____
	Masonry block (broken)	_____	cy x	0.6 =	_____
	Tile	_____	sq ft x	0.00175 =	_____
<b>Building Materials</b>	(circle-doors, fixtures, windows/plate glass, cabinets, other.)	_____	cy x	0.15 =	_____
<b>Cardboard</b>		_____	cy x	0.05 =	_____
<b>Carpet</b>	flat	_____	sq ft x	0.0005 =	_____
	loose	_____	cy x	0.3 =	_____
<b>Carpet Padding/Foam</b>	flat	_____			
	loose	_____	sq ft x	0.00013 =	_____
<b>Ceiling Tiles</b>	whole (palletized)	_____	sq ft x	0.0003 =	_____
	loose	_____	cy x	0.0875 =	_____
<b>Drywall, new or used</b>	1/2"	_____	sq ft x	0.0008 =	_____
	5/8"	_____	sq ft x	0.00105 =	_____
	mixed	_____	cy x	0.25 =	_____
<b>Landscape Debris</b>	(brush, chips, trees, stumps, etc.)	_____	cy x	0.15 =	_____
<b>Scrap Metal</b>		_____	cy x	0.453 =	_____
<b>Wood &amp; Pallets, clean, unpainted,</b> (no pressure treated lumber!)	stick	_____	bd ft x	0.00138 =	_____
	loose	_____	cy x	0.15 =	_____
<b>Non-Recyclable Debris</b>		_____	cy x	0.175 =	_____
<b>Recyclable Mixed Debris, see p. 2</b>		_____	cy x	0.175 =	_____

cy = cubic yards

sqft = square foot

bdft = board foot

See other side for details on rebate!

## C&D Conversion and Mixed Recycling Worksheet

### Instructions & Worksheet for Mixed Debris Recycling

(Mixed recycling definition and information available @ [www.oaklandpw.com/oakrecycles/construction/rebate.htm](http://www.oaklandpw.com/oakrecycles/construction/rebate.htm))

There may be times when debris/scrap cannot be entirely separated on the site for recycling. If this is the case you have options available that may still allow you to meet the goal of 65% recycling, in some cases you will surpass the minimum recycling rate.

**Option 1**, order a Construction & Demolition Recycling Debris Box, see below. Drywall and concrete are heavy and expensive to recycle this way. Remember, 100% of A/C must be recycled as well as 65% of all other materials.

**Option 2**, haul the materials yourself to one of the Qualifying Facilities listed below. They will sort the materials for recycling. The center's recycling rate apply to your loads as your diversion rate.

Additionally there is a rebate of \$10.00/ton for everything taken to one of these recycling centers.

Invoices must list the project address and permit number clearly in order to apply for rebate. Call 510-614-1699 or see [www.oaklandpw.com/oakrecycles/construction/rebate.htm](http://www.oaklandpw.com/oakrecycles/construction/rebate.htm) for rebate form.

<b>C&amp;D QUALIFYING FACILITIES</b>	<i>Address &amp; Contact</i>	<i>% Recycled</i>
Davis Street Transfer Station, Self Haul	2615 Davis St., San Leandro, (510) 638-2303	60%
Waste Management of Alameda Co., Debris Boxes	(510) 613-8700 <i>Advisory: Request written confirmation C&amp;D recycling account is established prior to delivery of boxes</i>	60%
Marin Resource Recovery Center *	565 Jacoby Street, San Rafael, (415) 485-5647	75%
Sanitary Fill Company *	501 Tunnel Ave., San Francisco, (415) 330-1400	77%
Zanker Resource Recovery Center *	705 Los Esteros Road, San Jose (408) 263-2384	85%
Guadalupe Landfill *	15999 Guadalupe Mines Road San Jose (408) 268-1670	55%

\*Self-Haul Only, no debris box service available.

All invoices must be coded properly to qualify for rebate. Facilities may have limits on volume or discounted prices. Confirm hours of operation and details.

#### Recycling Plans:

Calculate how much material you will generate in tons (see p.1) and insert in Column I. Multiply by the Recycling % of the chosen facility and enter result in Column II. Subtract column II from column I and transfer to column III. Now transfer information to your Recycling Plan, Columns A-D.

#### Summary Reports:

Collect all receipts for Mixed Debris total the amounts and convert to tons (if not already in tons.). Insert into Column I. Multiply by the Recycling % and enter in column II. Subtract column II from column I, and insert into column III. Transfer this information to your Summary Report, Columns A-D.

*Be prepared to provide weight tags or other verifiable documents.*

<b>Recycled Mixed Debris Centers</b>	<b>I Tons</b>	<b>Recycling %</b>	<b>II Recycled Tons</b>	<b>III Disposed Tons</b>
Davis Street or WMAC boxes	x	0.6	=	
Guadalupe Landfill	x	0.55	=	
Marin Resource Recovery	x	0.75	=	
Sanitary Fill Company	x	0.77	=	
Zanker Road	x	0.85	=	

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