C&D WASTE and RECYCLING DIVERSION LOG



Project Name:	Building Permit #:
Project Location:	Project Sq. Ft:

1. Develop a Construction Waste Management Plan (CWMP) as required per CALGreen code Title 24. Refer to CALGreen Chapter 8 for an example CWMP pages 61-65:

https://codes.iccsafe.org/content/CAGBSC2019/chapter-8-compliance-forms-worksheets-and-referencematerial

Identify construction and demolition waste materials that will be generated during this project and how they will be diverted (reduce waste, recycling, reuse on the project, or salvage for future use or sale) or disposed. Please note that your project must meet the CALGreen requirement of a minimum 65% diversion.

- 2. Construction and demolition waste materials will be sorted on-site and can be either self-hauled to a facility or be hauled by the City of Merced Solid Waste per title 8 of the City of Merced municipal code.
- 3. Weight tag information will be provided via email. Please print email address clearly below.
- 4. I hereby certify that this project will adhere to the following:
 - a. Every effort will be made to reduce, reuse and/or recycle wherever possible to reduce the amount of construction waste being landfilled. Waste will be sorted on-site to maximize material diversion.
 - b. All personnel who perform any work on the project site will receive and read a copy of the CWMP and be instructed on the locations and proper disposal of all waste materials.
 - c. The process of waste management, recycling and reuse of construction materials will be monitored regularly to ensure compliance with the CWMP during the project.
 - d. A record will be kept of the total amount of construction materials leaving the project site by weight (if weight is not available, a conversion chart is attached for your convenience) on the C&D Waste and Recycling Diversion Log form attached. Receipts will be presented upon request.
 - e. All supporting documentation which demonstrates compliance with the CWMP, CALGreen, and required diversion will be provided to the permitting jurisdiction upon completion of the project.

I certify under penalty of perjury that I will divert a minimum 65% of the C&D waste from the listed project in accordance with my Construction Waste Management Plan per California Green Building Standards Code (CCR, Title 24, Part 11 – CALGreen) requirements.

Print Name	Signature		Date
Owner Name:		Contact Number:	
Contractor Name:		Contact Number:	
Email Address:			

DIVERSION LOG-DURING CONSTRUCTION-UPLOAD COMPLETED DOCUMENT TO YOUR PORTAL PRIOR TO FINAL INSPECTION



Building Permit #:	Project Location:	40 C (1.27.3.22
Project Sq. Ft:			
Owner Name:	CONTRACTOR DURING	Contact Number:	
Contractor Name:	· · · · · · · · · · · · · · · · · · ·	_ Contact Number:	

This form is to be used to document C&D material disposal. Additional sheets may be needed depending on project size. Log <u>ALL</u> waste receipts and/or diverted wastes equivalents (i.e. items salvaged for future use or sale/sold). CalRecycle FacIT Conversion Table is attached with material type equivalency factors. A diversion math equation can be found on the back with an example of the diversion log. Receipts will be presented upon request.

DATE	RECEIPT #	ACTUAL WEIGHT DIVERTED IN TONS	ACTUAL WEIGHT LANDFILLED IN TONS	FACILITY NAME	MATERIAL TYPE	NOTES
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C&D WASTE and RECYCLING DIVERSION LOG

Helpful formulas:

_____ feet high X _____ feet wide X _____ feet long = ____ cubic feet/27 cubic feet per cubic yard = ____ cubic yards

____ cubic yards X 27 cubic feet per cubic yard = ____ cubic feet = height X width X length

Example:

The pile is 20 feet high X 40 feet wide X 253.1 feet long. This equates to about 202,479 cubic feet/27 cubic feet per cubic yard = approximately 7500 cubic yards.

___ cubic yards X ____ pounds per cubic yard (waste conversion factor) = ____ pounds/2000 pounds per ton = ____ tons

____ tons X 2000 pounds per ton/pounds per cubic yard = ____ cubic yards X 27 cubic feet per cubic yard = height X width X length

Example:

7500 cubic yards of wood X 400 pounds per yard (unchipped wood debris) = 3,000,000 pounds/2000 pounds per ton = 1500 tons

DATE	RECEIPT #	ACTUAL WEIGHT DIVERTED IN TONS	ACTUAL WEIGHT LANDFILLED IN TONS	FACILITY NAME	MATERIAL TYPE	NOTES
10/3/19	02345		3.5	MCRWMA	General Trash	25% Shaved Container
10/12/19	03454	1.5		Blue Recycling	Metal	
10/30/19	04567	2.5		MCRWMA	Organic	
11/2/19		2.5			woorl	Sold to ABC Construction
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Joe Boh

01/01/2020

Date

Diversion Percentage

Print Name

California Department of Resources Recycling and Recovery

FacIT Conversion Table 1 - Material Type Equivalency Factors

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Material Name Quantity		In Unit 1	Equals Quantity 2	In Unit 2	
Mixed Solid Waste (Uncompacted)	0.0005	Tons	1	Pounds	
Mixed Solid Waste (Uncompacted)	0.217590909	Tons	1	Cubic Yards	
Mixed Solid Waste (Compacted in-place in a landfill)	0.75	Tons	1	Cubic Yards	
Mixed Recyclables	0.0005	Tons	1	Pounds	
Mixed Recyclables	0.100547778	Tons	1	Cubic Yards	
Construction and Demolitio	l m				
Asphalt Paving & Roofing	0.0005	Tons	1	Pounds	
Asphalt Paving & Roofing	0.594075	Tons	1	Cubic Yards	
Concrete	0.0005	Tons	1	Pounds	
Concrete	0.9984375	Tons	1	Cubic Yards	
Gypsum Board	0.0005	Tons	1	Pounds	
Gypsum Board	0.234291667	Tons	1	Cubic Yards	
Lumber	0.0005	Tons	1	Pounds	
Lumber	0.138775	Tons	1	Cubic Yards	
Mixed C&D	0.0005	Tons	1	Pounds	
Mixed C&D	0.451138889	Tons	1	Cubic Yards	
Other Inerts	0.0005	Tons	1	Pounds	
Other Inerts	0.62	Tons	1	Cubic Yards	
Electronics					
Electronics	0.0005	Tons	1	Pounds	

Material Name	Quantity 1	In Unit 1	Equals Quantity 2	In Unit 2	
Electronics	0.1715625	Tons	1	Cubic Yards	
Glass					
Glass Bottles and Containers	0.0005	Tons	1	Pounds	
Glass Bottles and Containers	0.34625	Tons	1	Cubic Yards	
Other Glass	0.0005	Tons	1	Pounds	
Other Glass	0.5	Tons	1	Cubic Yards	
Household Hazardous Wa	aste/Used Oil				
Other Household Hazardous Waste	0.00132086	Tons	1	Liters	
Other Household Hazardous Waste	0.005	Tons	1	Gallons	
Other Household Hazardous Waste	0.00125	Tons	1	Quarts	
Other Household Hazardous Waste	0.7407625	Tons	1	Cubic Yards	
Other Household Hazardous Waste	0.0005	Tons	1	Pounds	
Used Oil	0.131147541	Gallons	1	Pounds	
Used Oil	0.2641721	Gallons	1	Liters	
Used Oil	1	Gallons	1	Gallons	
Used Oil	0.0078125	Gallons	1	Ounces	
Used Oil	0.25	Gallons	1	Quarts	
Used Oil	201.974	Gallons	1	Cubic Yards	
Metals	anda a Maadaa				
Aluminum Cans	0.0005	Tons	1	Pounds	
Aluminum Cans	0.032375	Tons	1	Cubic Yards	
Mixed Metal	0.0005	Tons	1	Pounds	
Mixed Metal	0.049166667	Tons	1	Cubic Yards	

Material Name	Quantity 1	In Unit 1	Equals Quantity 2	In Unit 2
Tin/Steel Cans	0.0005	Tons	1	Pounds
Tin/Steel Cans	0.075	Tons	1	Cubic Yards
Other Ferrous Metals	0.0005	Tons	1	Pounds
Other Ferrous Metals	0.210361111	Tons	1	Cubic Yards
Other Nonferrous	0.0005	Tons	1	Pounds
Other Nonferrous	0.1	Tons	1	Cubic Yards
Organics)				
Food	0.0005	Tons	1	Pounds
Food	0.5615	Tons	1	Cubic Yards
Green Waste	0.0005	Tons	1	Pounds
Green Waste	0.181542857	Tons	1	Cubic Yards
Manures	0.0005	Tons	1	Pounds
Manures	0.54	Tons	1	Cubic Yards
Man-made Organics	0.0005	Tons	1	Pounds
Man-Made Organics	0.096072917	Tons	1	Cubic Yards
Mixed Compostable Organics	0.0005	Tons	1	Pounds
Mixed Compostable Organics	0.386287302	Tons	1	Cubic Yards
Paper				
Office Papers	0.0005	Tons	1	Pounds
Office Papers	0.1947	Tons	1	Cubic Yards
Old Corrugated Containers Related Grades	0.0005	Tons	1	Pounds
Old Corrugated Containers Related Grades	0.0523	Tons	1	Cubic Yards
Old Newspaper Related Grades	0.0005	Tons	1	Pounds

Material Name	Quantity 1	In Unit 1	Equals Quantity 2	In Unit 2
Old Newspaper Related Grades	0.2353	Tons	1	Cubic Yards
Other and Mixed Paper	0.0005	Tons	1	Pounds
Other and Mixed Paper	0.1465	Tons	1	Cubic Yards
Plastic	l An		· · · · · · · · · · · · · · · · · · ·	
HDPE Containers	0.0005	Tons	1	Pounds
HDPE Containers	0.0135	Tons	1	Cubic Yards
PET Containers	0.0005	Tons	1	Pounds
PET Containers	0.017395833	Tons	1	Cubic Yards
Plastic Film Materials	0.0005	Tons	1	Pounds
Plastic Film Materials	0.01203125	Tons	1	Cubic Yards
Other Plastics	0.0005	Tons	1	Pounds
Other Plastics	0.0200625	Tons	1	Cubic Yards
Other				
Intermediate Product	0.0005	Tons	1	Pounds
Finished products	0.0005	Tons	1	Pounds
Other Special Wastes	0.0005	Tons	1	Pounds
Other Special Wastes	0.346666667	Tons	1	Cubic Yards
Residue	0.0005	Tons	1	Pounds
Residue	0.4995	Tons	1	Cubic Yards
Tires	0.0005	Tons	1	Pounds
Tires	0.01125	Tons	1	Tires
Tires	0.24	Tons	1	Cubic Yards

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