



## Community Development Department Building Division

### Construction and Demolition Waste Management Plan and Disposal Report

Applicant		Job Address			
Phone Number		Contractor License Number	Construction Type		
Address		Project Sq Footage	Project Est. Cost		
Permit Number		Est. Start Date	Est. Completion Date		
MATERIALS	Before Construction (estimated tons)		After Construction (actual tons)		Contractor/Owner to submit originals of all disposal and recycling receipts
	Landfill	Diversion	Disposed Landfill	Diversion On-site reuse Off-site recycling	
Mixed Recyclables					
Land Clearing					
Inerts (Concrete, A/C, etc.)					
Drywall					
Metals					
Lumber					
Cardboard					
Other Recyclable Items					
Trash		NA		NA	NA
Total					

Estimated diversion rate: \_\_\_\_\_ %

Actual diversion rate: \_\_\_\_\_ %

WMP / RECYCLING

OFFICIAL USE ONLY	
Plan Approved	
Information Needed	
Plan Denied	
	\$
Date	
Reviewed/Approved By:	

For Applicants:

To complete this form, see the instructions on the other side.

OFFICIAL USE ONLY	
Goal Achieved	
Substantial Compliance	
Goal Not Achieved	
	\$
Date	
Reviewed/Approved By:	

### Applicable Projects

Per California Building Standards Code (Title 24) CalGreen requirements, the City of Benicia requires that **all new** construction and demolition (C&D) debris must be diverted through recycling or reuse by at least 50%. Also, alterations with a value of \$200,000 or more and additions of at least **1,000 square feet or more** must also divert at least 50%. Specific requirements and exceptions can be found at [www.bsc.ca.gov/Home/CALGreen](http://www.bsc.ca.gov/Home/CALGreen).

### Permit Application

As part of the permit application process, you must **complete the top portion of the form and fill in the two columns under the 'Before Construction' section**. These two columns are the estimated amount of waste to be sent to the landfill and the estimated amount of resources to be diverted for reuse or recycling, by material type. The information in these columns are only estimates and should be calculated based upon your experience as a builder. A guide to the amount of material generated by project type is on the opposite column for your reference. To calculate the estimated diversion rate, divide the total diversion tonnage by the sum of the landfill and diversion tonnages, and then multiply by 100.

$$\frac{\text{Diversion}}{\text{Diversion} + \text{Landfill}} \times 100 = \text{Diversion Rate}$$

### Weight Tickets and Inspections

**Collect and attach originals of all weight ticket receipts for disposal and diversion.** Final inspection will only be granted by the City Inspector once all weight tickets have been provided.

### Recycling Contractor

Submit weight tickets on a weekly or monthly basis, based on the magnitude of the project. Please attempt to direct mixed C&D materials to

HAULER's NAME (Phone or website). Refer to the City's website, and/or, contact City's contact for additional recycling information.

### Construction & Demolition Waste Generation Guide

Use the following conversion factors as guidelines when completing your initial WMP:

#### Projections by Project Type (Lbs per Sq. Foot)

Commercial Additions	27.0 lbs	Multi-Family New Const.	09.5 lbs
Commercial Demolition	21.0 lbs	Single Family Addition	33.0 lbs
Commercial New Const.	13.0 lbs	Single Family Demo	83.0 lbs
Commercial T& I	10.0 lbs	Single Family Custom	07.5 lbs
Multi-Family Addition	04.5 lbs	Single Family Tract	03.2 lbs
Multi-Family Demo	16.0 lbs	Single Family Remodel	39.0 lbs

#### Other methods of estimating with conversion factors:

Mixed Waste	350 Pounds per cubic yard	5.7 cubic yards per ton
Inerts/Dirt	1400 Pounds per cubic yard	1.4 cubic yards per ton
Drywall	500 Pounds per cubic yard	4.0 cubic yards per ton
Metals	150 Pounds per cubic yard	13.3 cubic yards per ton
Lumber	300 Pounds per cubic yard	6.7 cubic yards per ton
Cardboard	100 Pounds per cubic yard	20.0 cubic yards per ton

These figures are only to be used as a guide in calculating your estimated WMP diversion rate. Use the actual numbers when completing the After Construction portion of the form.