

Construction and Demolition Recycling Plan and Disposal Report

Permit Number	Job Address	Phone No	
Owner	Contractor		
Construction Type	Square Footage	Project Est. Cost	

Recycling Contractor (if applicable):	Before Construction (estimated tons)		After Construction (actual tons)		Contractor/Owner to submit all disposal & recycling receipts
	Landfill	Diversion	On-site reuse	Off site recycle	
MATERIALS					
Mixed Recyclables					
Land Clearing					
Inerts - Concrete, A/C,					
Drywall					
Metals					
Lumber					
Cardboard					
Trash			NA	NA	
Total					

Actual diversion rate: _____ %

OFFICIAL USE ONLY	
Plan Approved	
Information Needed	
Plan Denied	
Project Value	\$
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	
Penalty Paid	\$
Date	
Reviewed/Approved By:	

CONSTRUCTION & DEMOLITION RECYCLING GUIDELINES

As a requirement of State Assembly Bill 939, every city and county in the State of California is required to recycle at least 50% of all waste going to the landfill or pay fines up to \$10,000 per day. The recycling of construction and demolition materials will have a significant impact in reaching the recycling goals established by the state.

Benefits of Recycling

By removing the recyclable materials from the waste generated at a construction site, you can reduce the disposal costs associated with a construction project. It can cost up to 2 times the amount to throw away construction waste as it does to take it to a recycler. The landfill will often times have a special rate for disposal of source-separated recyclable materials such as green waste and clean lumber. Some of the items that are currently disposed of at a construction site can be easily recycled or used on other construction sites. If the recycling program is implemented correctly, it is very easy to accomplish the goal of recycling 50% or more of the material at these sites.

Take time to carefully evaluate the job site to identify opportunities for recycling

When estimating the amount and type of materials to be recycled, it is important at the planning stages to identify all of the options available. What may appear to be an opportunity today may later turn out to be contaminated and not recyclable during the actual project. It is important that any problems experienced be documented for future reference.

Contact the subcontractors in advance to make them a part of your recycling program

Having the subcontractors on line with your recycling program can prevent an unknown source from impacting your results. Remember that the total waste generated at the site is how your recycling program will be evaluated.

Contact the waste haulers to identify what they can or cannot recycle

The different disposal companies may have different methods of handling material. It is important to understand what level of service each hauler is capable of providing. In some cases, the waste hauler you choose may be able to meet your entire requirement for recycling.

Review the options carefully for the contractors

There are options such as deconstruction and salvage that can be utilized in order to meet the recycling goals. Habitat for Humanity and CalMAX are options available for reusable materials. These options should be reviewed and explored whenever possible.

One of the best resources available is the San Luis Obispo County IWMA, they can be reached at 782-8530. They are available to assist in the development of your recycling plan and answer any questions you may have.

Please do not hesitate to call if you have a question.

As part of the permit application process, complete the top portion of the form and fill in the two columns under Before Construction. The two columns are the estimated amount of waste to be sent to the landfill and the estimated amount of waste to be diverted by reuse or recycling, by type of material.

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 for your reference is in the opposite column. 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.

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

If the estimated diversion rate is less than 50%, please submit an explanation as to why this project cannot achieve the goal.

After completing the form, and any other applicable information, imprint the recycling plan on all building and/or demo plans to be submitted for approval.

After finishing the project

Collect and attach all receipts for disposal and recycling. Fill in the actual disposal and diverted tonnages for each material. Calculate the diversion rate for the project using the equation shown above.

Recycling Contractor

If you are using a waste hauler that reports diversion rates of mixed construction and demolition recyclables to the IWMA, fill in the name of the contractor for our information. This will allow us to use the published diversion rate for that waste hauler.

Construction & Demolition Waste Generation Guide

Use the following conversion factors when completing the Construction and Demolition Recycling Plan and Disposal Report

Projections by Project Type:

<u>Type of Project</u>	<u>Approximate Waste Generated</u>
New Construction	4 Pounds per square foot
Remodeling	40 Pounds per square foot
Demolition	70 Pounds per square foot
Demolition, incl. Foundation	100 Pounds per square foot

Conversion factors:

Mixed Waste	350 Pounds per cubic yard	5.7 cubic yards per ton
Inerts	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 Recycling Plan. The actual numbers may vary. Use the actual numbers when completing the After Construction portion of the form.