



Town of Colma

Construction and Demolition Recycling Criteria

The Integrated Waste Management Act of 1989 required all cities in the State of California to reduce their landfill diversion by 65% by the year 2000. In order to meet the goal of 65% reduction in landfill diversion, the Town of Colma adopted Ordinance No. 569. This ordinance requires that at least 65% of the waste tonnage from any demolition project including concrete and asphalt be recycled and/or reused in order to meet the terms and conditions of the ordinance. In addition to demolition; new construction, remodeling and re-roofing of homes will require 65% recycling of waste tonnage.

Prior to commencement of any work the applicant shall complete a "Recycling and Waste Calculation Form." This shall accompany any application for either a Demolition or Construction Permit. A site visit may be made by Town Staff to estimate the total waste tonnage to be generated by the project. The applicant shall post a deposit, at the time of permit issuance, at the rate of \$50.00 per ton for the percentage of recyclable materials calculated. At completion of the project, it will be the contractor's responsibility to demonstrate they have properly recycled the calculated amount of waste generated. Documentation, satisfactory to the Town, shall be provided to demonstrate the total tonnage of waste recycled and/or reused. If it has been satisfactorily demonstrated that goals were met the full amount of the deposit will be refunded. If less than the required amount of waste is recycled and/or reused the Town of Colma will retain \$50.00 for each ton not recycled and/or reused. *(for example: if it is estimated that a project will generate 40 tons of waste, the contractor will be required to recycle at least 20 tons of waste material. The deposit, equal to the amount of \$50.00 x 20 tons would be \$1,000.00. If the contractor documented that only 15 tons were actually recycled the Town would retain the difference (5 tons x \$50.00 ton) or \$ 250.00. The contractor would be returned only \$750.00 of his deposit.)* There are minimum deposits of \$100.00 for residential projects (calculated per dwelling) or \$1,000 for all commercial, industrial and similar projects.

One recycling method that seems to give the most benefit to everyone is to retain the services of a "Deconstruction Contractor." A Deconstruction Contractor will typically go through a structure to be demolished and remove all items with a resale value. These items may include; hardwood flooring, doors, cabinetry, windows, sinks and vanities, countertops, large timbers, etc. these Deconstruction Contractors usually do not charge any fees to "deconstruct." And, as an added incentive, the owner typically gets a tax benefit by being able to write-off the sale price of the items removed from the structure.

In addition to deconstruction, it will most likely be necessary to haul waste material to an offsite location. There are a few landfills that can recycle construction materials. Two such examples would be Bell Marine in Redwood City, which recycles concrete and asphalt, and SF Recycling and Disposal Inc., on Tunnel Avenue in San Francisco which recycles approximately 90-95% of the material, brought to them. Each truckload is weighed and given a receipt for documentation. Retain these receipts, as they are required for documentation when you submit for a deposit refund! **These receipts are required to indicate that the materials were Recycled and that they came from Colma.** Some facilities can provide a debris box at your site. Encroachment permits are required for any debris boxes that are placed in the public right-of-way.

Separating into clean loads those materials that cannot be salvaged will facilitate their recycling, and is strongly encouraged. For example, the on-site separation of scrap wood during new construction should be undertaken where feasible, particularly where it represents a large portion of materials generated. Be sure to label your containers and educate your sub-contractors to ensure clean source-separated loads. General contractors should consider inserting recycling language into their contracts. Facilities generally accept source-separated materials at a lower fee than mixed debris.

Most projects will generate some amount of mixed debris. It is important to take these materials to a facility that can process and recycle them. For example, Zanker Road Landfill in San Jose diverts up to 70% of incoming mixed construction and demolition debris. Additionally, if you use a debris box you should ensure that your debris box service provider hauls your mixed debris to an approved facility.

It is the contractor's responsibility to provide the Town documentation demonstrating a minimum of 65% diversion of generated materials. For deconstruction and salvaging, have your salvage contractor provide a Salvage Inventory, outlining the types and quantities of materials salvaged.

For the disposal of source separated or mixed debris - contractors shall provide official weight tickets on facility letterhead showing the date, source (project address), amount and type of materials disposed. The contractor shall include the weight tickets with a completed Recycling Summary.

Please follow the directions on the form to ensure prompt processing and refunding of any deposits.

Important Notice:

Within 60 days of completion of each permitted project you are required to submit all required documentation to support your request for a refund. Failure to submit this documentation will result in the forfeiture of your deposit.

Please remember to notify personnel at the recycling center that you are bringing **RECYCLABLES** and that the *origin* was the **Town of Colma**. Receipts that do not indicate the materials as recyclable or the correct point of origin will not be accepted, and your request for a refund will be denied.

Not all facilities accept all types of recyclables. Please review the Construction Site Recycling brochure provided by San Mateo County "Recycleworks.org" for a comprehensive listing of recycling facilities and the materials they accept.



Town of Colma

Construction and Demolition Recycling Summary

Project Address _____

Date _____

Permit No. _____

Prepared By _____

Company Name _____

***List All Recycling Facilities, Transfer Stations and
Landfills that received materials:***

Facility Name, City	Facility Ref. #
	1
	2
	3
	4
	5
	6

***Summarize Disposal Below. Attach Weight Tickets organized by material category.
Attach Salvage Inventory Letter from Receiving Persons, if applicable.***

Materials Disposed	Quantity Cu. Yards = Tons		Facility Reference # (See above)	Recycled Y or N
Mixed Materials				
Mixed Debris				
Mixed Inserts				
Separated Materials				
Asphalt				
Brick				
Concrete				
Dirt/Clean Fill				
Lumber/Wood				
Roofing Materials				
Scrap Metals				
Trees/Vegetation				
Other Materials (List)				

Total Tons Recycled: _____



Town of Colma

Construction and Demolition Recycling Calculations

This form is required to be completed for all projects. At completion of the project you shall submit a completed Diversion Summary Sheet and provide copies of receipts from recycling facilities, reuse companies and/or landfills. Failure to provide satisfactory documentation may result in forfeiture of any deposits placed with the Town of Colma.

Project Address: _____

Applicant Name: _____

Address: _____

Material	Quantity		Units		Subtotal
Green Waste					_____ tons
Steel/Metal					_____ tons
Remodel	_____ sqft.	X	_____ lb./sqft.	=	_____ lbs.
Asphalt	_____ cuft.	X	140lb./cuft.	=	_____ lbs.
Concrete Slab	_____ cuft.	X	150lb./cuft.	=	_____ lbs.
Brick & Masonry	_____ sqft.	X	35lb./sqft.	=	_____ lbs.
Spread Footings	_____ lin.ft.	X	150lb./linft.	=	_____ lbs.
Re-Roof					
Wood Shingles	_____ sqft.	X	4lb./sqft.	=	_____ lbs.
Asphalt Shingles	_____ sqft.	X	3lb./sqft.	=	_____ lbs.
Clay/Tile	_____ sqft.	X	10lb./sqft.	=	_____ lbs.
Total Weight				=	_____ lbs.

office use only

Conversion of lbs to tonnage: _____ Total lbs. divided by 2,000 = _____ Tons

_____ Tons X .65 (65%) = _____ X \$50.00/Ton = \$ _____ Deposit

Minimum Deposit: \$100.00 Residential Projects \$1,000.00 Commercial, Industrial or other

Receipt No. _____ Date of Deposit _____ Reviewed by: _____