



City Of Westminster Guideline for the Reduction and Recycling of Construction and Demolition Waste

I. General/Background

Construction and demolition (C&D) waste diversion is a significant portion of the California mandatory recycling requirement, AB 341 and California Green Building Standards Code (CALGreen). Effective January 1, 2014, new residential and non-residential building construction, demolition and certain additions and alteration projects are required to recycle and/or salvage for reuse a minimum 50% of the nonhazardous C&D debris generated during the project (CALGreen sections 301.1.1, 301.3, 4.408, and 5.408).

II. Covered Projects

- a. Covered Projects: Newly constructed buildings and additions to non-residential buildings or structures of at least 1,000 square feet or alterations with an estimated construction cost of \$200,000 or above shall divert from landfills at least 50 percent of nonhazardous C&D materials. Additions and alterations to residential buildings that increase the structure's conditioned area, volume or size are also required to meet the 50% minimum diversion requirement.
- b. City-Sponsored Projects: All City-sponsored construction, demolition, and renovation Projects, regardless of cost shall be considered "Covered Projects" and shall submit a Construction and Demolition Waste Reduction and Recycling Plan to the WMP Compliance Official prior to beginning any construction or demolition activities and shall be subject to all applicable provisions of Article.
- c. Compliance with the provisions of this Guideline is a condition of approval on any building or demolition permit issued for a Covered Project.

III. Construction Waste Management Plan and Report

Applicant must fill out the "Construction and Demolition Waste Reduction and Recycling Plan" for a covered project and submit to the Building Division. Applicant/Contractor will be expected to follow the plan and document results during construction. At completion of activities, Applicant/Contractor must submit the "Construction and Demolition Waste Reduction and Recycling Report" form to the Building Inspector for review and file.

The following Forms are required to be filled out by the Applicant/Contractor:

- "Construction and Demolition Waste Reduction and Recycling Plan"
- "Construction and Demolition Waste Reduction and Recycling Report"

CONSTRUCTION & DEMOLITION WASTE REDUCTION AND RECYCLING PLAN

Property Address: _____

Owner Name: _____ Owner Telephone: _____

Contractor Name: _____ Contractor Telephone: _____

Description of Project: _____

Approximate Dollar Value of Construction / Demolition: _____

Approximate Square Footage of Project: _____

Demolition Dates: _____ Construction Dates: _____

Explanation if Petitioning for Waiver Due to Infeasibility: _____

Please fill out the following form for submittal:

MATERIALS	ESTIMATE OF DISPOSAL		ESTIMATE OF DIVERSION		HOW MATERIALS IS DIVERTED
	Tons	Cubic Yards	Tons	Cubic Yards	
Concrete					
Asphalt					
Dirt					
Wood					
Metals					
Soil					
Other (describe)					
Other (describe)					
Total	X=		Y=		
ESTIMATED DIVERSION RATE (Y / (X+Y) =					

FOR CITY USE ONLY

Approval Status: ___ Approved. ___ Denied. ___ Information Needed. ___ Exempt.

Reviewed by: _____ **Date:** _____

CONSTRUCTION & DEMOLITION WASTE REDUCTION AND RECYCLING REPORT

Owner Name: _____ Date: _____

Property Address: _____

Owner Telephone: _____

Contractor Name: _____

Contractor Contact: _____ Contractor Telephone: _____

Description of Project: _____

Approximate Dollar Value of Construction / Demolition: _____

Approximate Square Footage of Project: _____

Demolition Schedule: _____

Construction Schedule: _____

Name of Hauler(s): _____ Telephone: _____

Please check waste reduction activities that are practiced at this project site:

- | | |
|--|---|
| <input type="checkbox"/> Use of Prefabricated Components | <input type="checkbox"/> Reduced Packaging |
| <input type="checkbox"/> Reuse of Materials Onsite | <input type="checkbox"/> Other (describe) _____ |
| <input type="checkbox"/> Accurate Material Estimates | <input type="checkbox"/> _____ |

<u>Conversion Factors for Selected Loose Materials</u>			
Concrete	2370 lbs/cu yd	1.18 tons/cu yd	0.84 cu yds/ton
Asphalt	1940 lbs/cu yd	0.97 tons/cu yd	1.03 cu yds/ton
Brick	2430 lbs/cu yd	1.21 tons/cu yd	0.82 cu yds/ton
Dirt	2660 lbs/cu yd	1.33 tons/cu yd	0.75 cu yds/ton
Wood	400 lbs/cu yd	0.20 tons/cu yd	5.00 cu yds/ton
Gypsum wallboard	500 lbs/cu yd	0.25 tons/cu yd	4.00 cu yds/ton
Cardboard	50 lbs/cu yd	0.025 tons/cu yd	40.0 cu yds/ton

Construction and Demolition Waste Material Disposition Summary

Part I. DEMOLITION MATERIALS (tons or cubic yards)					
<u>Material Type</u>	Disposed in Class III Landfill	Taken to Inert Fills	Other Disposal (describe)	Reduced, Recycled or Salvaged	How Diverted? (e.g., reused as aggregate, etc.)
Concrete					
Asphalt					
Dirt					
Wood					
Metals					
Mixed Waste					
Other (describe)					
Total Tons	A=	B=	C=	D=	

Diversion Rate: $D / (A+B+C+D) =$

Additional Notes / Comments: _____

Disposal Facilities

Please name the facilities (e.g., landfill or inert facility name) materials are taken to:

Facility Name

Total Tons or Cubic Yards

Recycling Facilities

Please name of the recycling facilities or recycler (materials given or sold to):

Recycler / Recycling Facility Name

Total Tons or Cubic Yards

To the best of my knowledge, the above are an accurate representation of the disposition of the construction and demolition materials generated on-site.

Print Name

Signature

Part II. CONSTRUCTION MATERIALS (tons or cubic yards)					
<u>Material Type</u>	Disposed in Landfills	Taken to Inert Fills	Other (describe)	Reduced, Recycled or Salvaged	How Diverted? (e.g., reused as aggregate, etc.)
Concrete					
Asphalt					
Dirt					
Wood					
Metals					
Mixed Waste					
Other (describe)					
Total Tons or Cubic Yards	A=	B=	C=	D=	

Diversion Rate: $D / (A+B+C+D) =$

Additional Notes / Comments: _____

Disposal Facilities

Please name the facilities (e.g., landfill or inert facility name) materials are taken to:

_____ Facility Name _____ Total Tons or Cubic Yards

Recycling Facilities

Please name the recycling facilities or recycler (materials given or sold to):

_____ Recycler / Recycling Facility Name _____ Total Tons or Cubic Yards

To the best of my knowledge, the above are an accurate representation of the disposition of the construction and demolition materials generated on-site.

_____ Print Name _____ Signature

CITY OF WESTMINSTER APPROVED HAULER

Rainbow Environmental Services is the only city-approved Construction and Demolition hauler permitted to conduct business in the City of Westminster.

By utilizing the services of only one franchised hauler, Through Midway City Sanitary District, the City of Westminster pro-actively manages the waste generated in the city to ensure our compliance with mandatory State recycling regulations.



Rainbow Environmental Services offers a variety of services for construction and demolition solid waste disposal. For rates, account application, and to make arrangements for your recycling and waste hauling needs please contact:
Rainbow Environmental Customer Service (714) 847-3581

For information about the city's Comprehensive Waste Management Program, Westminster Municipal Code Chapter 8.16, or other refuse-related matters please contact:
Westminster Public Works Service Representative at (714) 548-3463.

For information on the California Green Building Standards Code (CALGreen) and additional recycling requirements during construction please contact:
Westminster Building Division (714) 548-3254