



THE CITY OF



PLEASANTON®

Construction and Demolition Debris Recycling Requirements

Effective October 1, 2011

When obtaining a building permit for a residential or commercial project with a total value of \$125,000 or more, or a demolition permit with a total value of \$25,000 or more, applicants must submit a Waste Management Plan (WMP).

For questions regarding construction debris recycling requirements, please contact the City of Pleasanton Building and Safety Division at 925-931-5300.



Construction & Demolition Debris Diversion (Recycling) Overview

- A. City of Pleasanton Municipal Code (PMC) Section 9.21 establishes construction and demolition debris diversion requirements.
- B. All building construction projects with a valuation of \$125,000 or more, or demolition projects with a valuation of \$25,000 or more, require the recycling or reuse of at least 90% of Portland cement concrete and asphalt concrete and at least 50% of the remaining construction and demolition debris in each applicable category.
- C. Waste Management Plans in the City of Pleasanton are managed by Green Halo Systems, <http://www.greenhalosystems.com>. Applicants will receive an access code from city staff and must submit their plan online, which will then be reviewed by City staff for compliance. The WMP must be approved by City prior to first inspection of a building or demolition permit.
- D. The contractor/applicant is responsible for uploading copies of and maintaining recycling tags and waste disposal receipts to verify diversion amounts included in the final *Waste Composition and Diversion Table*. Pictures of materials being reused should also be uploaded and included in the plan.
- E. The Building and Safety Division will administer and monitor construction and demolition debris diversion requirements as set forth in the WMP during project construction. Prior to approval of a final inspection or issuance of a certificate of occupancy, the plan must be completed and accepted by the City to verify compliance with PMC Section 9.21.
- F. The City maintains an exclusive refuse and recycling franchise agreement with Pleasanton Garbage Service (PGS) for the rental and collection of debris containers from all construction sites regardless of the value of the work. However, the franchise does not restrict self haul of waste from the site.
- G. The applicant must contact PGS to verify that the estimated quantity and type of debris and recyclables identified in the WMP can be processed by PGS. If PGS is unable to process the material, an alternative hauler and facility must be authorized by PGS and identified in the WMP before any collection boxes can be on site.
- H. The City of Pleasanton Municipal Code, PMC 9.21 is available at the Building Division Counter and on the City's web site at <http://qcode.us/codes/pleasanton/>.



Pleasanton Garbage Service

Serving residential and commercial locations in Pleasanton, CA

3110 Busch Road, Pleasanton, CA 94566-8430

(925) 846-2042 office, (925) 846 9323 fax

Alternate Recycling Hauler or Facility Authorization

This form is only to be used if the Pleasanton Garbage Service has authorized another agency to bring container bins to your project.

The Pleasanton Garbage Service has reviewed this Waste Management Plan, and authorizes the applicant to use an alternate hauler or facility to process the following materials:

Prepared by: _____
(Name)

Date: _____

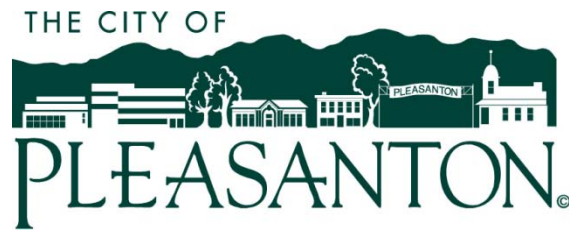
(Title)

Signature: _____

PGS STAMP:

This form must be completely filled in and submitted with all other plans and documentation to the Building and Safety Division. Contact the Building & Safety Division at 925-931-5300 for building permit submittal requirements.

SAVE YOUR TAGS – Save tags and records which you receive from PGS and/or third parties for refuse disposal and/or removal of recyclable materials, to which you have sold recyclable material for fair market value. These tags and records will be needed to verify that you have complied with this plan.



Construction and Demolition Materials Estimation Worksheet

Building Materials are measured in many different units, and recycling centers may issue receipts in cubic yards instead of tons. In order to estimate and determine compliance, a common unit of measurement must be used, and we use tons. The Waste Composition and Diversion Table in your WMP must list material quantities in tons, and this worksheet helps you to convert everything into tons.

Step 1. Review your building plans and calculate scrap for any material generated on the job in typical units. If needed, ask your sub-contractors for their overages used in takeoffs, or their waste factors. Enter the quantities in each applicable category into Column 1.

Step 2. Multiply each quantity by the conversion factor, and enter the result in Column 2.

Step 3. Weight tags from PGS (or another facility authorized by PGS) are required for review by the inspector to verify compliance before final approval.

Material Category	Column 1					Column 2
	Quantity	Unit	x	Conversion	=	Tons
Asphalt/Concrete	Asphalt (broken)	cy	x	0.7	=	
	Concrete (broken)	cy	x	0.9	=	
	Concrete (solid slab)	cy	x	1.3	=	
Brick/Masonry/Tile	Brick (broken)	cy	x	0.7	=	
	Brick (whole, palletized)	cy	x	1.512	=	
	Masonry block (broken)	cy	x	0.6	=	
	Tile	sq ft	x	0.00175	=	
Building Materials	(cabinets, doors, fixtures, windows/plate glass, other)	cy	x	0.15	=	
Cardboard		cy	x	0.05	=	
Carpet	flat	sq ft	x	0.0005	=	
	loose	cy	x	0.3	=	
Carpet Padding/Foam		sq ft	x	0.00013	=	
Drywall, new or used	1 / 2"	sq ft	x	0.0008	=	
	5 / 8"	sq ft	x	0.00105	=	
	mixed	cy	x	0.25	=	
Landscape Debris	(brush, chips, trees, stumps, etc.)	cy	x	0.15	=	
Scrap Metal		cy	x	0.453	=	
Wood & Pallets, clean, unpainted (no pressure treated lumber)	stick	bd ft	x	0.00138	=	
	loose	cy	x	0.15	=	
Non-Recyclable Debris		cy	x	0.175	=	
Recyclable Mixed Debris		cy	x	0.175	=	

Units: cy = cubic yards

sq ft = square feet

bd ft = board feet

For additional assistance, please call us at (925) 931-5300, or check our website at <http://www.ci.pleasanton.ca.us/business/building/index.html>.