### City of Escalon

### Reduction and Recycling of Construction and Demolition Waste

Enacted September 5, 2006 (4)

#### Purpose/Overview

This policy is enacted to demonstrate compliance with the Waste Management reduction Act (AB 939) and to ensure that solid waste generated in the City of Escalon is reduced, reused or recycled.

. The City of Escalon Reduction and Recycling of Construction and Demolition Waste Policy provides that projects over \$250,000 in value or more than 5000 square feet in size involving construction, remodeling or demolition, will be requested to submit a "Construction and Demolition Waste Reduction and Recycling Plan" to the City's Building Official for review and approval with the appropriate permit application.

Applicant/Contractors will be expected to follow the plan and document results during construction. A "Construction and Demolition Waste Reduction and Recycling Report" form will be submitted at the end of the project to the Building Official, for review of compliance with the plan.

#### Definitions

1. "Applicant" means any individual, contractor, firm, limited liability company, association, partnership, political subdivision, government agency, municipality, industry, public or private corporation, or any other entity whatsoever who applies to the City of Escalon for the applicable permits to undertake any construction, demolition, or renovation project , within the City of Escalon.

2. "Construction" means the building of any facility or structure or any portion thereof including any tenant improvements to an existing facility or structure.

3. "Construction and Demolition Debris" means used or discarded materials removed from premises during construction or renovation of a structure resulting from construction, remodeling, repair, or demolition operations on any pavement, house, commercial building, or other structure.

4. "Conversion Rate" means the rate set forth in the standardized Conversion Rate Table approved by the City pursuant to this Article for use in estimating the volume or weight of materials identified in a Construction and Demolition Waste Reduction and Recycling

5. "Demolition" means the decimating, razing, ruining, tearing down or wrecking of any facility, structure, pavement or building, whether in whole or in part, whether interior or

6. "Divert" means to use material for any purpose other than disposal in a landfill. Diversion credit is given for source reduction (waste reduction), recycling, and . composting.

- 7. "Recycling" means the process of collecting, sorting, cleansing, treating, and reconstituting materials that would otherwise become solid waste, and returning them to the economic mainstream in the form of raw material for new, reused, or reconstituted products which meet the quality standards necessary to be used in the marketplace.
- 8. "Renovation" means any change, addition, or modification in an existing structure.
- 9. "Salvage" means the controlled removal of Construction or Demolition Debris from a permitted building or demolition site for the purpose of recycling, reuse, or storage for later recycling or reuse.

#### Covered and Non-Covered Projects

- 1. Covered Projects: All construction, demolition, and renovation projects within the City projected to be greater than or equal to \$250,000 in value or more than 5000 square feet in size.
- Noncovered Projects: All construction, demolition, and renovation projects within the City projected to be less than \$250,000 in value or less than 5000 square feet in size. "Noncovered Projects" shall be encouraged to divert at least fifty (50) percent of all project-related construction and demolition debris.

#### Diversion Weasurement

The methodology used to calculate diversion is based on the Title 14, California Code of Regulations, Article 6.1 Solid Waste Generation Study, Section 18722 et seq, and is consistent with CIVVMB measurement protocols. The following equation defines the "Generation-Based Diversion Quantification Methodology":

Generation =	Disposal	+ Diversion
Diversion Rate (%) □		Diversion Tons Generation Tons

# General Directions for Completing the City of Escalon Construction and Demolition Waste Reduction and Recycling Plan / Report Forms

#### **Prior to Commencing Work**

To assist you in completing your Construction and Demolition Waste Reduction and Recycling Plan, please contact the City of Escalon Building Official. The following materials are available:

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

Applicant will fill out the Construction and Demolition Waste Reduction and Recycling Plan and send it to the Building Official. Permittee/Contractor will be expected to follow the plan and document results during construction.

At completion of activities, Applicant/Contractor will submit the Construction and Demolition Waste Reduction and Recycling Report form to the Building Official for approval before the occupancy permit can be issued.

## CONSTRUCTION AND DEMOLITION WASTE REDUCTION AND RECYCLING REPORT FORM

Owner Name:		Date: _	
Property Address:			
Owner Telephone:			
Contractor Name:			
Contractor Contact:		tractor Telephone:	
Description of Project:			
Approximate Dollar Value of Approximate Square Footag	of Construction / Demoli	ition:	
Construction Schedule:			•
Name of Hauler(s):			
Please check waste reduction	n activities that are prac	ticed at this project site	;
Use of Prefabricated C Reuse of Materials On Accurate Material Esti	site mates	Reduced Packagi Other (describe)	
Conversion Factors for			
Concrete Asphalt Brick Dirt Wood Gypsum wallboard Cardboard	2370 lbs/cu yd 1940 lbs/cu yd 2430 lbs/cu yd 2660 lbs/cu yd 400 lbs/cu yd 500 lbs/cu yd 50 lbs/cu yd	1.18 tons/cu yd 0.97 tons/cu yd 1.21 tons/cu yd 1.33 tons/cu yd 0.20 tons/cu yd 0.25 tons/cu yd 0.025 tons/cu yd	0.84 cu yds/ton 1.03 cu yds/ton 0.82 cu yds/ton 0.75 cu yds/ton 5.00 cu yds/ton 4.00 cu yds/ton 40.0 cu yds/ton

### Construction and Demolition Waste Material Disposition Summary

Fill out the tables below. The unit of measurement is "tons". Use the conversion factors provided on the previous page. If a different conversion number is used, please provide. If tonnago information is not available, estimates can be provided in "cubic yards".

Part I.	DEMOLITION	MATERIAL	S (tons or c	ıbic yards)	
Material Type	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:

Facility Name	· Total Tons or Cubic Yards
Facility Name	Total Tons or Cubic Yards
Pacility Name	Total Tons or Cubic Yards
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Recycling Facilities Please name of the recycling facilities or recycler (mater	ials given or sold to):
Recycler / Recycling Facility Name	Total Tons or Cubic Yards
Recycler / Recycling Facility Name	Total Tons or Cubic Yards
Recycler / Recycling Facility Name	Total Tons or Cubic Yards
To the best of my knowledge, the above estimates disposition of the construction and demolition materials I understand that the City may audit disposal and recycl	generated on-site at the construct
Print Name	Signature

Additional Notes / Comments: