

CITY OF MISSION VIEJO
CONSTRUCTION AND DEMOLITION WASTE DIVERSION
 DEPARTMENT OF COMMUNITY DEVELOPMENT, BUILDING SERVICES DIVISION
 (949) 470-3054



TO BE SUBMITTED WITH YOUR BUILDING PERMIT APPLICATION. SELECT THE OPTION YOU WILL FOLLOW.

- ☐ **OPTION 1:** I certify that I shall divert a minimum of 75% of C&D material through the use of construction bins (roll-off or low-boy containers only) provided by **Waste Management** for the removal of C&D debris. **NOTE: If another hauling company is used, your deposit is automatically forfeit.**
 Complete Page 1 Now and Pages 2 – 3 After Final
 A deposit is required. Contact Waste Management of Orange County at (949) 642-1191 to order construction bins. Provide Waste Management with your permit number and let them know you are using the construction bins to comply with Mission Viejo's C&D Ordinance. **Make sure to obtain the original receipts, weight tags, or invoice for all bins used to obtain a refund of your diversion performance deposit. The documentation must state that the waste was considered "C&D" by Waste Management in order for the 75% diversion requirement to be met. If this is not on the documentation, the deposit will not be refunded.**
- ☐ **OPTION 2:** I certify that I shall divert a minimum of 75% of C&D material by self-hauling all C&D material generated at the project site to **Waste Management**.
 Complete Page 1 Now and Pages 2 – 3 After Final
 A deposit is required. Self-haul C&D material to Waste Management located at **16122 Construction Circle East, Irvine, 92606 only**. Provide Waste Management with your permit number and let them know you are using their facility to comply with the City's C&D Ordinance. **Make sure to obtain the original gate receipt or weights tags for all loads delivered to Waste Management to obtain a refund of your diversion performance deposit. The documentation must state that the waste was considered "C&D" by Waste Management in order for the 75% diversion requirement to be met. If this is not on the documentation, the deposit will not be refunded.** Waste Management's phone number is (949) 642-1191.
- ☐ **OPTION 3:** I certify that I shall divert a minimum of 75% of C&D material by self-hauling all C&D material generated at the project site to a C&D recycling facility.
 Complete Pages 1 – 3 Now, and Complete Actual Quantities on Pages 2 – 3 After Final
 A deposit is required. **A nonrefundable \$100 administrative fee will be collected** for this option pursuant to Municipal Code Section 6.10.1125 – Payment of administrative fee (Ordinance No. 04-225, §1, 10-4-04). **Make sure to obtain the original weight tags, including a diversion report from the facility that shows 75% or more of your waste disposed was diverted, for all loads delivered to a recycling facility to obtain a refund of your deposit. The documentation must state that the waste was considered "C&D" by the disposal facility or that the material was recycled by the recycling facility in order for the 75% diversion requirement to be met. If this is not on the documentation, the deposit will not be refunded. If the documentation shows that the waste is designated as trash, municipal solid waste (MSW), or greenwaste, then the material was not recycled and the deposit will not be refunded.**
- ☐ **EXEMPT:** I certify that this project is exempt from diversion requirements under the City's C&D requirements per Municipal Code Section 6.10.1110, and I certify that I shall divert a minimum of 65% of C&D material generated from this project as required by CALGreen.
 Complete Pages 1 – 3 Now
 A deposit is not required. This option is only for projects that are <250 sq. ft. OR have a valuation of <\$10,000, or for lift and relay of existing roofs, <1 ton of MEP only work, seismic tie-downs, prefabricated accessories, fencing, OR <1 ton of waste for all other work.

NOTE: Refunds will be processed after final inspection ONLY. Please do not submit your refund request prior to project final. If you change to Option 3 after construction, a nonrefundable \$100 administrative fee will be collected prior to processing your refund.

I certify that I shall dispose of Construction and Demolition waste as specified above. I have six months from the date of project final to apply for a refund of the C&D deposit; otherwise, my diversion performance deposit may be forfeited.

Signature: _____

Date: _____

Print Name: _____

Contact Phone No.: _____

Contractor Name: _____

Project Address: _____

FOR CITY USE ONLY

Permit #: _____

Receipt #: _____

Amount Collected: \$ _____

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IF OPTION 1 OR 2 WERE SELECTED ON PAGE 1:

- Complete pages 2 – 3 after final inspection.
- Submit completed pages 1 – 3 along with the documentation described on page 1 for City review to determine whether the deposit will be refunded.

IF OPTION 3 OR EXEMPT WERE SELECTED ON PAGE 1:

- Complete and submit pages 1 – 3 with your building permit application.
- For option 3, after final inspection, complete the “after construction” information in Sections 3 and 4 on pages 2 and 3, and submit completed pages 1 – 3 along with the documentation described on page 1 for City review to determine whether the deposit will be refunded.

1. PROJECT AND APPLICANT INFORMATION

*Complete this section and submit it with your building permit application if you selected option 3 or “Exempt.”
 Complete this section after final inspection if you selected option 1 or 2.*

Owner’s Name: _____

Owner’s Telephone No.: _____

Type of Project: ☐ New construction ☐ Accessory structure or other addition ☐ Renovation of existing structure
☐ Demolition ☐ Re-roofing with removal of existing roof ☐ Other

Project Description: _____

Approx. Square Footage of Project: _____ Valuation of Project: \$ _____

Demolition Dates: Start: _____ End: _____

Construction Dates: Start: _____ End: _____

2. EXEMPTION

Complete this section if “Exempt” was selected on page 1. Provide backup documentation with quantity estimates on page 3.

Type of exemption requested:

- ☐ Project area is <250 square feet ☐ Project valuation is <\$10,000 ☐ Lift and relay existing roof ☐ Fencing
☐ <1 ton of MEP only work ☐ Seismic tie-downs ☐ Prefab. accessories
☐ <1 ton of waste for all work OR other. Describe: _____

3. MATERIAL HANDLING ESTIMATE AND SUMMARY

*Complete the “Diversion Percentage Estimate” if you selected option 3 and submit this form with your building permit application.
 Complete the “Actual Diversion Percentage” after final inspection if you selected options 1, 2, or 3.*

*Calculate the Column Totals A, B, C, and D using the table on page 3 under “Material Handling Estimate and Summary (Continued).”
 Use the Materials Conversion Worksheet to help convert quantities to tons instead of cubic yards (CY), square feet (Sq. Ft.), etc.*

Diversion Percentage Estimate (Before Construction):

$$\text{Diversion Percentage Estimate} = \frac{\text{Column Total A}}{\text{Column Total A} + \text{Column Total B}} \times 100\% = \underline{\hspace{2cm}} \%$$

Actual Diversion Percentage (After Construction):

$$\text{Diversion Percentage Estimate} = \frac{\text{Column Total C}}{\text{Column Total C} + \text{Column Total D}} \times 100\% = \underline{\hspace{2cm}} \%$$



3. MATERIAL HANDLING ESTIMATE AND SUMMARY (CONTINUED)

	FOR OPTION 3 OR EXEMPT (Before Construction) Complete and return with your Building Permit Application.			FOR OPTION 1, 2, OR 3 (After Construction) Complete and return with receipts, weight tickets, etc. after final inspection. ¹		
Material	Estimated tons Reused/ Recycled	Estimated tons Disposed (Landfill)	Proposed Facility Name	Actual tons Reused/ Recycled	Actual tons Disposed (Landfill)	Actual Facility Name
Asphalt/ Concrete						
Brick/ Masonry/ Tile						
Cardboard						
Wood						
Metals						
Landscape Debris (do not include dirt)						
Dirt						
Garbage/Trash						
Mixed C&D						
Other						
Column Totals	_____ tons A	_____ tons B		_____ tons C	_____ tons D	

¹For option 1 or 2, 75% of the C&D waste is recycled (i.e., if 4 tons were disposed of, the actual tons reused/recycled is 75% of 4 tons, which is 3 tons, and the actual tons disposed is the remaining 1 ton.)

4. VERIFICATION

FOR OPTION 3 OR EXEMPT (Before Construction)

To the best of my knowledge, the estimates reported on this form are my best estimate of the disposition of the C&D materials.

Signature: _____

Print Name: _____

Date: _____

FOR OPTION 1, 2, OR 3 (After Construction)

To the best of my knowledge, the tonnage reported on this form is an accurate representation of the C&D materials generated.

Signature: _____

Print Name: _____

Date: _____

**CONSTRUCTION AND DEMOLITION WASTE DIVERSION
MATERIALS CONVERSION WORKSHEET**

MATERIAL	VOLUME	UNIT		TONS/UNIT		TONS
Asphalt / Concrete						
Broken Asphalt		CY	x	0.7	=	
Broken Concrete		CY	x	0.9	=	
Solid Slab Concrete		CY	x	1.2975	=	
Brick / Masonry / Tile						
Broken Brick		CY	x	0.7	=	
Whole Brick (Palletized)		CY	x	1.512	=	
Broken Masonry Block		CY	x	0.6	=	
Tile		Sq Ft	x	0.00175	=	
Building Materials (doors, windows, cabinets, etc.)			x	0.15	=	
Cardboard (flat)		CY	x	0.05	=	
Carpet						
By Square Foot		Sq Ft	x	0.0005	=	
By Cubic Yard		CY	x	0.3	=	
Carpet Padding / Foam		Sq Ft	x	0.000125	=	
Ceiling Tiles						
Whole (Palletized)		Sq Ft	x	0.0003	=	
Loose		CY	x	0.0875	=	
Drywall (new or used)						
½" (by Square Foot)		Sq Ft	x	0.0008	=	
⅝" (by Square Foot)		Sq Ft	x	0.00105	=	
Demo / Used (by Cubic Yard)		CY	x	0.25	=	
Landscape Debris (brush, trees, etc.)		CY	x	0.15	=	
Scrap Metal		CY	x	0.453	=	
Unpainted Wood and Pallets						
By Board Foot		Bd Ft	x	0.001375	=	
By Cubic Yard		CY	x	0.15	=	
Garbage / Trash		CY	x	0.175	=	
Dirt						
By Cubic Yard		CY	x	1.03	=	

	CONVERSION RATE	TONS
Demolition		
Complete Demolition	Sq Ft of structure x 40/2000 =	
Complete Demolition with Tile Roof	Sq Ft of structure x 47/2000 =	
Green Waste (trees, shrubs, turf, etc.)	CY x 0.25 =	
Mixed Debris (e.g., interior remodel)	CY x 0.2 =	
Roofing		
Asphalt Composition Shingle	Roof Sq Ft x 3/2000 =	
Wood Shingle/Shake	Roof Sq Ft x 2/2000 =	
Concrete / Clay Tile	Roof Sq Ft x 10/2000 =	
Roof Decking	Roof Sq Ft x 1.5/2000 =	
Appliance / Equipment		
Cook Top		0.015
Dishwasher		0.050
Refrigerator		0.075
Oven (single)		0.038
Trash Compactor		0.020
Water Heater (30 gallons)		0.025
Water Heater (40-50 gallons)		0.038
Bathtub (cast iron)		0.150
Bathtub (steel)		0.038
Sink (cast iron)		0.025
Sink (porcelain)		0.010
Sink (steel)		0.005
Toilet		0.020

SAMPLE CALCULATION: MATERIALS INCLUDING 100 SQ FT OF ROOF DECKING + 50 CY OF BROKEN BRICK + A CAST IRON BATHTUB WOULD CALCULATE AS: 100 SQ FT X (1.5/2000) + (50 CY X 0.7) + 0.150 = 0.075 + 35 + 0.150 = 35.225 TONS.

CY = Cubic Yards

Sq Ft = Square Foot

Bd Ft = Board Foot