



City of Huntington Beach

Department of Community Development
 2000 Main Street, Huntington Beach, CA 92648
 Office: (714) 536 - 5241 Fax: (714) 374 - 1647



CONSTRUCTION & DEMOLITION DEBRIS RE-USE & RECYCLING PROGRAM

Construction and Demolition (C & D) Debris Re-Use and Recycling Program

When a project is covered by the updated Huntington Beach C & D Ordinance Section 8.21, it must recycle 65% of the debris it generates. Please review the table below for our current requirements.

Planned Start Date	January 1 st , 2017
Covered projects	<p>Effective January 1st, 2017</p> <ul style="list-style-type: none"> Newly constructed building and demolition projects shall divert from landfills at least 65% of the construction materials generated during project. All locally permitted additions and alterations to non-residential buildings or structures shall divert from landfills at least 65% of nonhazardous construction and demolition materials. Additions and alterations to residential buildings that increase the structure's conditioned area, volume or size are also required to meet the 65% minimum diversion requirement
Materials required to be recycled	65% of all generated waste must be diverted / recycled per 2016 California Green Building Standards Code, Chapter 4, section 4.408 for all new residential and Chapter 5, section 5.408.1 – 5.408.3 and 5.713.8 – 5.713.8.3 for all non-residential new construction, additions and/or alterations. Please complete attached for C & D Debris Waste Log.
How to recycle	Mixed C & D: All debris (no wet garbage) into one bin. Source-Separated: Separate by type.
Who can haul debris	Mixed C & D: Permit-holder, self-haul or truck-haul, waste generator or franchised hauler. Source-Separated: Anyone Franchised Hauler: Republic Services (714) 847-3581
Where debris may go	Mixed C & D: City of Huntington Beach approved Mixed C & D facility such as Rainbow Disposal or see attached for other approved local processing facilities. Source-Separated: any facility that accepts the material.
Processing fee	<i>Processing fee is currently being evaluated. Please continue to check with the Building Division counter staff for further updates.</i>
Security Deposit	<i>Required security deposit is currently being evaluated. Please continue to check with the Building Division counter staff for further updates.</i>
Fines	<i>Fines are currently being evaluated. Please continue to check with the Building Division counter staff for further updates.</i>
Documentation	Permit-holder must keep a waste log of all materials hauled away from project site, as well as all weight tickets of disposed and recycled material. The waste log must be submitted at permit issuance, framing inspection and prior to building final approval.

How to comply	<ol style="list-style-type: none"> 1. Register your project either online using Green Halo Systems or by completing the Waste Reduction Recycling Plan (WRRP) form attached. Make sure to enter the Green Halo project tracking number on the WRRP form. The Green Halo System is a FREE web based system that will help you create your waste management plan, upload your recycling date throughout your construction process and generate your final report for project compliance. 2. Create waste diversion plan in Green Halo and print out Project Information page. Submit (3) copies of the Waste Diversion Form and (3) copy of the waste diversion plan print-out from Green Halo with your Building Permit Application. 3. Divert debris as specified on the plan and collect required documentation. Be sure to ask for construction debris receipts from transfer stations in order to qualify for diversion requirements. Upload recycling and disposal receipts to Green Halo. 4. Pre-Building Final: show the Building Inspector final Green Halo report demonstrating diversion rate compliance. Note, the final report is not required for single family renovations. <p>NOTE: If you are unable to use Green Halo, complete the C & D Debris Waste Diversion Worksheet instead. Fill-out the Waste Diversion Plan (non-shaded) portion of the document prior to starting your project and the Waste Diversion Report (shaded) portion of the document prior to final inspections.</p> <p>Assistance: For assistance with the Diversion Plan Worksheet, contact the Building Division at (714) 536 – 5241. For Green Halo Systems, please visit www.greenhalosystems.com or call (888) 525 – 1301 (M-F 8am to 5pm).</p>
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CONSTRUCTION & DEMOLITION DEBRIS RE-USE & RECYCLING PROGRAM

Construction and Demolition (C & D) Debris Waste Reduction and Recycling Plan (WRRP)

This form must be complete for the following types of projects:

- Newly constructed building and demolition projects shall divert from landfills at least 65% of the construction materials generated during project.
- All locally permitted additions and alterations to non-residential buildings or structures shall divert from landfills at least 65% of nonhazardous construction and demolition materials.
- Additions and alterations to residential buildings that increase the structure’s conditioned area, volume or size are also required to meet the 65% minimum diversion requirement

WRRP must be submitted and APPROVED prior to issuance of building permits. Incomplete forms will be returned to applicant and may delay issuance of permit(s). Each building requires a separate WRRP. Deliver WRRP with permit application to the Building Division permit counter, 2000 Main St, 3rd Floor, Huntington Beach, CA 92648. Allow 5-10 business days for WRRP processing. You may call (714) 536 – 5241 with inquiries regarding this form.

DO NOT ATTACH ADDITIONAL ITEMS

Permit Number: Permit#: _____ Contact Name: _____
Company Name: Contact Name: _____ Email Address: _____

Address: _____	City: _____	Zip Code: _____
Phone Number: _____	Mailing Address: _____	City: _____
State: _____	Phone Number: _____	Fax Number: _____

For lines 1, 2 and 3, please check only 1 item for each:

- 1) Project Type: New Construction Addition /Alteration Demolition
- 2) Building Type: Non- residential Low-rise residential/Duplex Apartment/Multi-Family
- 3) Tenant Improvement (check one): Yes No
- 4) Size of Project: _____ sq. ft. Project Valuation: \$ _____
- 5) Estimated Start Date / / Estimated Completion Date / /
- 6) Compliance method (Check one and provide required information)
- Green Halo System (Enter tracking number) Waste Diversion Plan Worksheet (if not using Green Halo)

7) Briefly describe project (i.e.: renovate warehouse, remodel office, etc.)

8) How will scrap or waste material be handled to ensure salvage, re-use or recycling?

9) How will employees and sub-contractors be notified of recycling proposed plan and goals?



CONSTRUCTION & DEMOLITION DEBRIS WASTE

WORKSHEET

DIVERSION

Pre-Project Waste Diversion Plan (non-shaded portion). Indicate diversion method with an 'X' in appropriate column along with the name of vendor/facility. Calculate anticipated diversion and landfill percentage of each material type. If you are sending mixed construction debris to a transfer station for sorting, enter the same destination for all materials in the mix. List deconstructed items for reuse on-site (donated / sold), on the next page. Include the approximate weight in the column for reusable items.

Post-Project Waste Diversion Report (shaded portion). Enter actual weight in pounds for each category. Calculate weight column total and diversion rate. Keep all receipts for final report.

If applicant is using [Green Halo](https://www.greenhalosystems.com) online tracking system, this worksheet (including Waste Diversion Plan & Waste Diversion Report) is NOT REQUIRED! Green Halo offers a free web-based Waste Management Plan and Project Tracking System which can be found by visiting <https://www.greenhalosystems.com>.

WASTE DIVERSION PLAN (FOR PLAN CHECK ONLY)						WASTE DIVERSION REPORT (FOR FINAL INSPECTION ONLY)					
MATERIAL	ANTICIPATED					ACTUAL (See weight conversion factors next page)				DIVERSION RATE	
	DIVERSION				VENDOR/FACILITY	WASTE		DIVERTED MATERIALS ALL METHODS		WASTE	TOTAL DIVERTED + LANDFILLED (lb)
	REUSE	RECYCLE	COMPOST	ESTIMATE % OF EACH MATERIAL		LANDFILLED	ESTIMATED % OF LAND FILL MATERIAL	DIVERTED lbs	VENDOR/FACILITY		
ASPHALT			N/A	100%							100% REQUIRED
CONCRETE			N/A	100%							100% REQUIRED
DIRT & ROCK (From previously undeveloped lots)			N/A	100%							100% REQUIRED
AT LEAST 65% DIVERSION OF THE FOLLOWING MATERIALS. DIVERSION BASED ON AMOUNT OF THE COMBINED TOTAL WEIGHT OF MATERIALS BELOW.							A			B	
CARDBOARD											
CARPET, PADDING/FOAM											



PROJECT ADDRESS

PERMIT NUMBER

DATE



CONSTRUCTION & DEMOLITION DEBRIS WASTE

WORKSHEET

BRICK, MASONRY, TILE													
METALS													
PLANT DEBRIS													
SHEETROCK (Not painted)													
CLEAN WOOD													
CEILING TILE													
PAINTED WOOD, PAINTED, DRYWALL, PLYWOOD													
REUSABLE ITEMS									(COMPLETE REUSE LIST NEXT)				
ROOFING													
OTHER DEBRIS													
OTHER DEBRIS												TOTAL (lbs)	TOTAL % DIVERTED A/(A+B) X 100
TOTAL													

DIVERSION

Reusable items such as cabinets, built-ins, framing lumber, siding, etc. are encouraged to be reused on-site. Please list accordingly.

ITEM	USE LOCATION		OFF-SITE BENEFACTOR OR DECONSTRUCTION COMPANY
	<input type="checkbox"/> ON-SITE	<input type="checkbox"/> OFF-SITE	
	<input type="checkbox"/> ON-SITE	<input type="checkbox"/> OFF-SITE	
	<input type="checkbox"/> ON-SITE	<input type="checkbox"/> OFF-SITE	

WEIGHT CONVERSION FACTORS



CONSTRUCTION & DEMOLITION DEBRIS WASTE

WORKSHEET

Use the following conversion factors as well as receipts from previous jobs to help you with your estimated diversion for the Waste Diversion Plan. The Waste Diversion Report is a record of your actual diversion and disposal. The Waste Diversion Report and receipts from landfills, transfer stations and recyclers must be available for review at your final building inspection.

Asphalt paving, crushed = 1,380 lbs / cubic yard	Concrete, scraps, loose = 1,855 lbs / cubic yard
Asphalt/shingles comp, loose = 418.5 lbs / cubic yard	Earth, loose = 2,052 lbs / cubic yard
Brick, laid flat = 20 lbs / square foot flat	Fiberglass insulation, loose = 17 lbs / cubic yard
Brick, loose = 120 lbs / cubic foot, 3,200 lbs / cubic yard	Sheetrock scrap, loose = 393.5 lbs / cubic yard
Ceramic tile, scrap, loose = 1,214 lbs / cubic yard	Rock, crushed = 2,570 lbs / cubic yard

Please submit three (3) copies of this worksheet with your building permit application and this worksheet shall be electronically placed / made a part of plans.

For instructions on how to fill out this form, see “Waste Diversion Worksheet Instructions” located online at the Building Division website under Frequently Requested Forms.

For more information, visit <http://www.huntingtonbeachca.gov/government/departments/planning-building> or contact the Building Division at (714) 536 – 5241.

DIVERSION

LOCAL RECYCLING DEALERS / FACILITIES

The categories of recyclable materials are as follows:

- Construction and Demolition Materials: Brick, concrete, dirt, granite, gravel, pavement/asphalt and sand.



CONSTRUCTION & DEMOLITION DEBRIS WASTE

WORKSHEET

- Green Wastes: Compost, grass clippings, leaves, pruning, and Christmas trees.
- Glass: Beverage containers, crushed glass, and window panes.
- Wood: Bark, boards, planks, chips, pallets, plywood, sawdust and shavings.

Note: Although a company may designate the acceptance of materials in one or more categories, please call to verify the materials and quantities produced on your project are accepted. You may also visit Cal Recycle at <http://www.calrecycle.ca.gov/condemo/recyclers/RecyclerSearch.aspx> for other local dealers and facilities.

Franchised Waste Hauler	C & D	Metals	WGree n Waste	Glass	Wood	Recycling Facilities	C & D	Metals	Green Waste	Glass	Wood
Republic Services 17121 Nichols Ln, Huntington Beach, CA 92647 (714) 847-3581						Beachside Recycling 8601 Edison Drive Huntington Beach, CA 92646 (714) 969-7638					
						Republic Services 17121 Nichols Ln, Huntington Beach, CA 92647 (714) 847-3581					
Recycling Facilities	C & D	Metals	Green Waste	Glass	Wood	Recycling Facilities	C & D	Metals	Green Waste	Glass	Wood
North American Recycling & Crushing 1120 N. Richfield Road, Anaheim, CA 92807 (714) 777-6400						Madison Materials 1036 East 6 th Street Santa Ana, CA 92701 (714) 664-0159					
SA Recycling 1804 West 5 th Street Santa Ana, CA 92701 (714) 667-7898						Sunset Environmental 16122 Construction Cir #E, Irvine, CA 92606 (949) 654-1562					
Aguinaga Green Inc. 16355 Construction Cir #W, Irvine, CA 92606 (949) 786-9558						R.J. Noble 15505 E. Lincoln Ave, Orange, CA 92865 (714) 637-1550					



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CONSTRUCTION & DEMOLITION DEBRIS WASTE

WORKSHEET

Recycling Facilities	C & D	Metals	Green Waste	Glass	Wood	Recycling Facilities	C & D	Metals	Green Waste	Glass	Wood
Ewles Materials (concrete, concrete blocks, asphalt only) 8200 Katella Ave Stanton, CA 90680 (714) 894-1988						TVI Gold Gold Recycling 7913 Marine Way Irvine, CA 92618 (949) 654-1562					
Sackin Metals 15201 Transistor Lane Huntington Beach, CA 92649 (714) 891-4505											