



City of Agoura Hills, 30001 Ladyface Ct., Agoura Hills California

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

What is the Construction and Demolition Debris Re-use and Recycling Program?

State law, California Green Building Code (CalGreen), requires the City to divert 65% of all solid waste generated from the landfill through the use of waste prevention, recycling and re-use. To meet this law, City of Agoura Hills Green Building Code & AB 939 requires permit applicants working on construction, remodeling and/or demolition projects within City limits to practice waste prevention; re-use, recycle or salvage; and, least preferred, landfilling.

Waste Reports / Thresholds for Reporting –

The thresholds for planning and reporting job site waste diversion are:

- All Commercial additions or alterations;
- All Residential additions or alterations that add floor space/increase size.
- All Demolition of any structure requiring a permit.
- All New Construction (pursuant to the Green Building Code)

Reporting Forms –

For all projects within the City limits meeting or exceeding the above listed thresholds, submission of the following reporting forms are required: 1) Form A: Certificate of Implementation 2) Form B: Post Construction Waste Reduction and Recycling Report.

Form A: Certificate of Implementation

- ✓ Submitted prior to the issuance of building permits;
- ✓ Identifies project type and permit number;
- ✓ Certifies the implementation of a C&D Recycling program.

Form B: Post Construction Waste Reduction/Recycling Summary Report (WRRS)

- ✓ Submitted five (5) days prior to final inspection;
- ✓ Reports actual quantities of waste generated;
- ✓ Original weight tickets or receipts to verify solid waste material diversion.

Landfill Diversion Requirement –

CalGreen requires a minimum of 65% (by weight) diversion, through recycling, re-use or salvaging solid waste materials generated at all City project sites meeting or exceeding the reporting thresholds as identified herein.

Local Landfills:

- Calabasas Landfill - 5300 Lost Hills Rd., Agoura Hills, CA 91301
- Simi Valley Landfill - 2801 N. Madera Rd., Simi Valley, CA 93065

Solid Waste Haulers –

The following companies are solely permitted to provide construction and demolition debris collection.

- E. J. Harrison & Sons (805) 647-1414
- Interior Removal Specialist (323) 357-6900
- J&L Hauling and Disposal, Inc. (888) 565-4634
- Metropolis Disposal (818) 901-2020
- Rock N Roll Off (818) 991-2323
- Universal Waste Systems (800) 631-7016
- Waste Management (805) 955-4346

Use of non-permitted solid waste collectors is not authorized.



Getting Started with your Affidavit and Certification to Implement a Waste Reduction and Recycling Summary Report (WRRS)

Step 1 - Complete and Submit Form A: Certificate of Implementation

Where to get the forms: Agoura Hills City Hall Public Counter or City website:

<http://www.ci.agoura-hills.ca.us/departments/solid-waste-management/construction-demolition-debris-recycling-program>

Where to submit forms: Submit a signed Certificate of Implementation to the Planner assigned to the project. Applications can be submitted to the City Hall staff located at, 30001 Ladyface Ct., Agoura Hills, CA. For Over the Counter permitted jobs, submit signed forms to Planning staff. Keep a copy for your records.

Who should fill out the Certificate of Implementation: The Applicant (e.g., architect, owner, contractor etc.) is responsible for submitting the Certificate of Implementation, indicating their intent to carry out a C & D Program with their Building Permit application and construction processes.

Subcontractor participation: If subcontractors are required to remove debris from the job site, they can play a key role in helping you meet the City's recycling requirements. Inform subcontractors of your C & D Program Plan and what is required of them early in the project. The applicant must provide documentation for any materials subcontractors are hauling. Documentation must include types, quantities and destination of materials, and specify amount salvaged or recycled. We strongly recommend including C & D in the specifications or other language for recycling and/or reuse in your contracts. Informing your sub-contractors of your requirements up front, helps eliminate confusion and delays later.

Where to take materials: The Builders' Recycling Resource List is available on line at: <http://www.calrecycle.ca.gov/ConDemo/Recyclers/RecyclerSearch.aspx>. This lists local facilities and the materials they accept.

Step 2 - Gather Data for Your Summary Report

After your Building Permit is issued and you are ready to begin work, you will need to start recording information for your Summary Report. You are required to keep all weight tags, gate receipts, and/or invoices necessary to document actual quantities of materials generated, reused, recycled, and/or disposed of throughout the project, as well as facilities or service providers used.

It is **the applicants responsibility** to obtain written receipts from subcontractors and other parties removing debris from your site. Notify subcontractors/hauler(s) of this requirement before work

begins.

City staff is available to help you with this process. Please call 818-597-7314 or 805-495-7521 and speak with the City staff person assigned to your project.

Important: The City may review weight tags or other related documents at any point in the project to insure the project is achieving compliance with the plan.

Step 3 - Complete and Submit Your Summary Report : Form B

A completed Form B: Post Construction Waste Reduction and Recycling Summary Report (WRRS) must be submitted for review and approval by the City **prior** to sign-off at Final Inspection and issuance of a Temporary Certificate of Occupancy or Certificate of Occupancy. The Summary Report requires actual quantities and destinations of materials. Quantities must be verifiable, based on weight tags or other sufficient documents.

If less than 65% of the C&D debris from the project was diverted from landfill disposal, the applicant must submit documentation with your Summary Report and include an explanation. With additionally, an explanation of why the minimum 65% diversion was not achieved. This must be detailed on Form B-1 explaining/demonstrating that a "good faith" effort was made to achieve the 65% waste reduction goal.

Due Date: Summary Reports are due 5 (five) days prior to requesting Final Inspection. Reports must be submitted to the Project Planner. Be sure to keep a copy for your records.

Review Process: After Final Inspection, and prior to issuance of a Temporary Certificate of Occupancy or Certificate of Occupancy, the **Summary Report** will be reviewed to determine if the applicant met or exceeded the reuse and recycling goals. The City will sign off on the Summary Report indicating that the project is in compliance with all "Solid Waste Conditions" (CalGreen).



Form A: Certificate of City's Implementation

Implementation of State Law:

**Construction and Demolition (C&D) Debris Recycling Program
State of California Green Building Code (CalGreen)**

The Green Building Code: Effective January 1, 2017, the 2019 CalGreen requires that all Commercial additions or alterations, all Residential additions or alterations that add floor space/increase size, all Demolition of any structure requiring a permit and all New Construction (pursuant to the Green Building Code) are required to divert 65% of the construction materials generated during the project. The City has therefore implemented a mandatory Construction and Demolition (C&D) Debris Recycling Program to divert at least 65% of these highly recoverable materials from the landfill in accordance with CalGreen. This Program shall apply to residential and non-residential projects within the City.

Property Address

Project Number (e.g. CDP, APR, OC, Permit)

Owner/Developer Name

Phone#

E-mail address

Proposed Solid Waste Hauler: _____

* A change in hauler is permitted as long as applicant notifies City in writing.

AFFIDAVIT OF PROJECT TYPE: (check one or more)

- The project involves new construction.
- The project involves commercial addition/alteration.
- The project involves demolition.
- The project involves residential addition/alteration.

For all projects: A Summary Report shall be submitted to the Planning Counter detailing how a 65% or greater diversion **was met** to comply with CalGreen. Sign both the Affidavit and Certification below.

Signature

Printed Name

Date

- Property Owner/ Authorized Agent (circle which)
- Licensed Contractor, License No. _____

CERTIFICATION OF IMPLEMENTATION: C&D DEBRIS RECYCLING PROGRAM

This is to certify a C&D Recycling Program for the above-referenced address will be implemented to divert a minimum of 65% and a Summary Report (detailing how the diversion was met) shall be submitted to the Planning Counter upon project completion, prior to obtaining a Certificate of Occupancy.

I declare that I have read and understand the requirements of the City's C&D Debris Recycling Program and that the foregoing is true and correct.

Signature

Printed Name

Date

- Property Owner/ Authorized Agent (circle which)
- Licensed Contractor, License No. _____



Form B: WRRS

Post-Construction Waste Reduction & Recycling Summary Report

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

- Demolition projects
- All New Construction (non-residential & residential)
- Commercial Additions/Remodels
- Residential Additions adding floor space

NOTE: Completed WRRS Reports shall be submitted to the City of Agoura Hills Planning Counter 5 days prior to Final Inspection and issuance of Certificate of Occupancy or Temporary Certificate of Occupancy. If you have questions, please call: 818-597-7314.

Building Permit#: _____

Project Address (Include floor, suite, etc.): _____

Contact Name: _____ Title: _____

Company Name: _____

Contact Mailing Address: _____

Phone: _____ Fax: _____ Email: _____

1. Type of Project: New Construction Addition/Alteration Demolition
2. Type of Building: Commercial Single Family Residence Apartment/Condominium
3. Tenant Improvement: Yes No
4. Size of Project: _____ sq. ft. Construction Valuation \$ _____
5. Project Completion Date: _____
6. Briefly state how solid waste material was handled on your job site to ensure salvage/reuse or recycling.

Please do not write below this line

Plan approved by: _____ Title: _____
Signature: _____ Date: _____

CalGreen Requirement: Reduce quantity of materials disposed at landfills by 65% or more.

Column A: List actual quantities of waste for each material type (in tons). To convert yards to tons, use the Materials Conversion Worksheet provided in your packet.

Columns B, C, D: List actual quantities reused, recycled, or disposed.

Column E: State the name of all vendors or facilities used to reuse, recycle or dispose of material listed. See example below for cases where more than one facility was used for a particular material type.

Column Totals: Add up all quantities listed in Column A. Do the same for Columns B, C and D.

Building Permit#: _____ Project Address: _____

Waste Reduction & Recycling Summary REPORT (WRRS Report)

Material Handling Methods - Indicate quantities (in tons only) for each material listed.					
Material Type	<u>A</u> Total Tons Generated (A=B+C+D)	<u>B</u> Quantity Salvaged or Reused	<u>C</u> Recycling	<u>D</u> Disposal	<u>E</u> Actual Destination(s) (R): Recycled (D): Disposal
Example: Cardboard	2 tons		1.5	.5	(R) Looney Bins (D) Toland Landfill
Asphalt & Concrete					
Brick/Masonry/Tile					
Building Materials (doors, windows, fixtures, etc.)					
Carpet					
Carpet padding/Foam					
Cardboard					
Ceiling tile (acoustic)					
Dirt					
Drywall (used)					
Drywall (new, unpainted sheets or scrap)					
Landscape Debris (brush, trees, stumps, etc.)					
Scrap metal					
Unpainted Wood and Pallets					
Garbage/Trash					
Other					
Recycled mixed debris					
Column Totals					

7. To determine if the required 65% project waste reduction was met, complete the following with the Column Totals:

$$(B \text{ _____} + C \text{ _____}) \div A \text{ _____} = \text{_____} \times 100 = \text{_____} \%$$

8. Is the percentage listed in #7 greater than or equal to 65%? YES NO - If "NO" please explain why on Form B-1 attached if more room is needed.:

9. Print Name: _____ Signature: _____ Date: ___/___/___



Form B-1: WRRS
NON ATTAINMENT OF 65% DIVERSION
EXPLANATION

Permitted Hauler Used: _____

1. Explain the good faith effort made to divert 65% diversion

2. What do you contribute to failure to achieve the required 65% diversion?

This information is true to the best of my knowledge. I understand that future failure to obtain the required 65% diversion in future projects submitted, could result in additional conditions applied my project to ensure compliance.

Applicant Signature _____

Applicant Name (Print) _____

SAMPLE MATERIALS CONVERSION WORKSHEET - SEPARATED MATERIALS¹

(Total Tons Generated)

This worksheet lists materials typically generated from a construction or demolition project and provides formulas for converting common units (i.e. cubic yards, square feet and board feet) to tons. It can be used for preparing your WRRS and Summary Report, which require that quantities be provided in tons. Step 1 - For your WRRS, enter estimated quantity for each applicable material in Column I, based on units of cubic yards (cy), cubic foot (cu ft), square feet (sq ft), or board foot (bd ft). For your Summary Report, use the actual quantities, based on weight tags, gate receipts, or other documents. Step 2 - Multiply by Tons/Unit figure listed in Worksheet Column II. Enter the result for each material in Column III. Step 3 - Enter quantities for each separated material from Column C on the Worksheet into the corresponding section of Column A of your WRRS or Summary Report.

<u>Material Category</u>	<u>Column I</u> <u>Volume</u>	<u>Units</u>	<u>x</u>	<u>Column II</u> <u>Tons/unit</u>	=	<u>Column III</u> <u>Tons</u>
Asphalt/Concrete	Asphalt (broken)	_____ cy	x	.7	=	_____
	Concrete (broken)	_____ cy	x	.9	=	_____
	Concrete (solid slab)	_____ cy	x	1.2975	=	_____
Brick/Masonry/Tile	Brick (broken)	_____ cy	x	.7	=	_____
	Brick (whole, palletized)	_____ cy	x	1.512	=	_____
	Masonry Block (broken)	_____ cy	x	.6	=	_____
	Tile	_____ sq ft	x	.00175	=	_____
Building Materials (doors, windows, cabinets, etc.)	_____	cy	x	.15	=	_____
Cardboard (flat)	_____	cy	x	.05	=	_____
Carpet	(by square foot)	_____ sq ft	x	.0005	=	_____
	(by cubic yard)	_____ cy	x	.3	=	_____
Carpet Padding/Foam	_____	sq ft	x	.000125	=	_____
Ceiling Tiles	(whole - palletized)	_____ sq ft	x	.0003	=	_____
	(loose)	_____ cy	x	.0875	=	_____
¹ Dirt	_____	cu ft	x	.3852	=	_____
Drywall (new or used)	1/2" (by square foot)	_____ sq ft	x	.0008	=	_____
	5/8" (by square foot)	_____ sq ft	x	.00105	=	_____
Drywall (demo/used)	(by cubic yard)	_____ cy	x	.25	=	_____
Garbage/Trash	_____	cy	x	.175	=	_____
Landscape Debris (brush trees, etc.)	_____	cy	x	.15	=	_____
Scrap Metal	_____	cy	x	.453	=	_____
Unpainted Wood & Pallets	(by board foot)	_____ bd ft	x	.001375	=	_____
	(by cubic yard)	_____ cy	x	.15	=	_____
² Other	_____		x		=	_____
Total Tons						= _____

cy = cubic yards cu ft = cubic foot sq ft = square foot bd ft = board foot

Sources:

¹ CalRecycle (factor averaged between 5 different types of dirt and converted to tons for consistency)

² For additional conversion factors go to <http://www.calrecycle.ca.gov/ConDemo/Recyclers/RecyclerSearch.aspx>