



**Construction and
Demolition
Diversion Program
City of Gardena**



**Community Development Department
1700 W. 162nd Street
Gardena, CA 90247**

In 2003, the City of Gardena (City) adopted a diversion program for construction and demolition wastes. The purpose of the program is to provide an incentive to encourage the diversion (recycling or reuse) of specific materials that represent a large percentage of the City's overall municipal waste stream. Any contractor or builder that applies for a building permit is required to remit a diversion deposit in an amount set by resolution of the City Council (exceptions do exist, and are described below). The deposit is fully refundable if at least 65% of all wastes generated during construction and demolition are diverted from landfills, and appropriate documentation is provided to the City. This booklet will guide you through this process, and explain the amount of the deposit, the mechanism for refund, and the documentation required. There are four easy steps to follow to assure compliance with the program, and to ultimately save you money through reduced waste disposal cost.

Step **DETERMINE APPLICABILITY & COMPLETE FORM CD-1**

Determine Applicability— Unless specifically exempted, each person (applicant) who applies for a building or demolition permit must fulfill the requirements of the construction and demolition program described in this package.

See next page for CALGreen Construction Waste Reduction Requirements and Applications.

Form CD-1—Unless exempt, an applicant is required to prepare a Waste Management and Recycling Plan by completing Form CD-1 (Form CD-1 is included in this booklet). On this form, the applicant will estimate the amount of waste they expect to generate through their construction and/or demolition project. Waste materials include, but are not limited to, soil, wood, wallboard, concrete, and mixed trash. As part of the waste management and recycling plan, the applicant should decide how they intend to assure that at least 65% of the waste that the project will generate, will be diverted from landfill. Wood, concrete, asphalt, metal, glass, drywall, ceramic, brick, and many other materials are all readily recyclable (or reusable if segregated properly). Please note that submittal and approval of an accurate and complete waste management and recycling plan is a precondition to issuance of any building permit. Submit your completed Form CD-1 to the City with your completed building permit application.

The following table contains the 2016 CALGreen Construction Waste Reduction Requirements:

Occupancy	2016 CALGreen State Code Requirements and Applications
	Effective 1/1/2017
Non-Residential Compliance Methods (5.408)	≥ 65% C&D Waste Diversion of non-hazardous materials are required to submit a construction waste management plan (5.408.1.1) and utilize a City approved waste management company (5.408.1.2)
New Construction	All newly constructed buildings.
Demolition	100% of all concrete and dirt . — 65% of all non-hazardous materials.
Addition (301.3)	All structures 1000 sq ft or more.
Alterations (301.3)	All structures \$200,000 or more.
Tier 1 (Voluntary) (A5.408.3.1)	≥ 80% Construction Waste Diversion
Tier 2 (Voluntary) (A5.408.3.1.1)	≥ 95% Construction Waste Diversion
Residential Compliance Methods (4.408)	≥ 65% C&D Waste Diversion and may be required to submit a construction waste management plan (4.408.2) and utilize a City approved waste management company (4.408.3)
Low-Rise-3 stories or less (4.408.4)	≥ 65% C&D Waste Diversion
High-Rise-4 stories or more (4.408.4.1)	All permitted structures.
New Construction	All permitted structures
Demolition	100% of all concrete and dirt. - 65% of all non-hazardous materials.
Additions (301.1)	All permitted structures.
Alterations (301.1)	All permitted structures.
Tier 1 (Voluntary) (A4.408.1)	≥ 80% C&D Waste Diversion
Tier 2 (Voluntary)	≥ 95% C&D Waste Diversion

Step 2

PAY YOUR DIVERSION DEPOSIT & YOUR ADMINISTRATIVE FEE

Project Value	Deposit Amount
> \$50,000—\$99,999	\$5,000
\$100,000—\$249,999	\$7,500
\$250,000—\$499,999	\$10,000
\$500,000 +	\$15,000

Diversion Deposit— Unless specifically exempted by one of the project types listed under step 1, each person (applicant) who applies for a building and/or demolition permit shall post a cash deposit in an amount as specified in the table above, but will not exceed \$15,000.

The diversion deposit will be refunded in full upon proof that at least 65% of the project waste was recycled and/or diverted . Waste Resource Management (WRG) is the only authorized hauler for the City of Gardena. You can contact them at 310-366-7600. Failure to use WRG will result in denial of deposit refund.

Administrative Fee— In addition to the diversion deposit, an administrative fee must also be paid to the City. The fee will compensate the City for all expenses incurred in administering the construction and demolition program, including site inspections, document review, and processing. The administrative fee is non-refundable and is calculated based on one percent (1%) of the dollar value of a project, but not to exceed \$5,000. If your project is exempt, there is no administrative fee.

Deposit and administrative fee payments can be made in the form of cash, check, cashier's check, money order, or credit card (VISA, Mastercard, or Discover Card). Payments should be made to the **City of Gardena**.

Make your payments when you submit your completed Form CD-1 and building permit application. If desired, a single payment can be issued to the City for both the diversion deposit and the administrative fee.

Step 3

DIVERT C&D WASTES THROUGH RECYCLING OR REUSE

It is the responsibility of every owner, general contractor, subcontractor, and developer to divert the maximum amount of salvageable and reusable materials away from landfilling. Materials diverted prior to demolition and during and after construction are equally eligible for diversion "credit." "Divert" or "diversion" means a reduction in the amount of waste being disposed in landfills by any of the following methods: use of new construction methods that reduce the amount of waste generated, onsite reuse of waste, job site separation and delivery to a recycling facility, delivery of mixed but clean materials to an approved materials recovery facility, and other methods as approved in advance by the City. All waste diversion methods that qualify for a refund of the diversion deposit are subject to restrictions and documentation requirements set forth in the City's Municipal Code.

Be sure to keep all weight receipts issued by any recycling facility and maintain records or logs of the volume and weight of materials reused on the job site.

To help you make decision about waste management and recycling, the City has prepared a separate booklet entitled "Recycling Practices for Construction and Demolition Projects" describing methods of diversion, local outlets for materials, and hints about best management practices for recycling and reuse.

The City will monitor and evaluate each construction and demolition project to gauge the project and progress toward the diversion requirements.



**Why
Recycle**

Step

4

APPLY FOR DEPOSIT REFUND

At the completion, and prior to, the final inspection and issuance of any certificate of occupancy of the demolition and/or construction project, the applicant shall submit documents to the Building and Safety Department, which proves compliance with the diversion requirements of this program. The documentation shall consist of:

1. A completed Form CD-2, "Recycling and Reuse Summary Report," summarizing the weight data of materials diverted and disposed (from Waste Resources Gardena).
2. Originals or photocopies of receipts, weight tickets, or other records of measurement from recycling facilities, salvage companies, deconstruction contractors, waste haulers, processors, transfer stations, and landfills.

A properly completed "Recycling and Reuse Summary Report", and all receipts, must be submitted to the City at least five day prior to a request for final inspection and issuance of a certificate of occupancy.

Deposits will not be refunded to applicants who do not meet the timely reporting requirements of the Municipal Code. Also, failure to conform to the diversion requirements could affect approval of future permits. A deposit refund will be issued for any project where a building permit was withdrawn or cancelled before any work was begun.

What is a "green" building, and why should I care?

A green building is a sustainable building; that is, a structure designed, built, operated and reused in a resource efficient manner. Of the total expenditures owner may make over the course of the building's service lifetime, the design and construction cost (the so-called first costs) will account for 5 to 10% of the total life cycle cost. In contrast, operations and maintenance cost will account for 60 to 80% of the total life cycle cost.

Some easy tips: 1) minimize wastewater by using ultra low-flush toilets, and incorporate hot water re-circulating systems, and self-closing nozzles on hoses; 2) reuse and recycle C&D waste onsite such as inert wastes for base material for a parking lot; 3) protect and retain existing landscaping; and 4) take advantage of natural features including the use of plants that have low water and pesticide needs, and generate minimum plant trimmings.



DEPARTMENT of COMMUNITY DEVELOPMENT

1700 WEST 162nd STREET / GARDENA, CALIFORNIA 90247-3732 / WWW.CITYOFGARDENA.ORG / PHONE (310) 217-9530

Form CD-1: Waste Management and Recycling Plan

The City of Gardena (City) requires all construction and demolition permit applicants to prepare a waste management and recycling plan in accordance with Ordinance Number 1649 (Municipal Code Chapter 8.20). By completing this form, you are complying with the plan requirement to estimate project disposal tonnage, and identify job site practices for collection and disposition of wastes. If your project is exempt, please complete a separate Form CD-1a. If you have questions, please contact the Department of Community Development for assistance at (310) 217-9530. The completed plan is to be submitted to the City at the time your building permit application is submitted. The diversion deposit and administrative fee is paid directly to the Building & Safety Division. Be sure to retain your copy of this plan and the payment receipt for reimbursement. Please note that no hauler, other than WRG, may be used to transport debris and waste to disposal. Contractors are required to prepare and submit a C&D Waste Diversion Report within 60 days of completion of the project to the City for review and approval.

Job Site Address	
Applicant's Name	Title
Company	Telephone No.
Company Address	
Fax No.	Email Address
Type of Project: <input type="checkbox"/> New Construction <input type="checkbox"/> Demolition <input type="checkbox"/> Renovation	
Type of Building: <input type="checkbox"/> Commercial/Industrial <input type="checkbox"/> Single Family Residence <input type="checkbox"/> Multi-Family Residence	

How will waste be handled during your project? (Please check all that apply)

- Job site separation.** Material will be segregated into two or more material-specific bins. For example, one bin for concrete, one bin for metals, one bin for wood, one bin for trash, etc.
- Collection and delivery of mixed loads to a materials recovery facility.** Clean construction and demolition material is commingled into a bin. The mixed loads are then delivered to a materials recovery facility for sorting. Trash should be collected in a separate bin and delivered to a landfill.
- Green Building.** The applicant is planning to construct its project using "green building" methods to reduce waste, use recycled content materials, incorporate energy conservation, and plan for deconstruction.
- WRG.** The applicant will contact WRG at (310) 366-7600 to use WRG as hauler. **WRG is the City of Gardena's only authorized hauler. Failure to use WRG will result in denial of deposit refund.**

How much waste do you expect to generate for disposal through your project? (Specify) _____ tons.



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Unless categorically exempt, each applicant who applies for a building and/or demolition permit shall post a deposit in an amount based on square footage of the project, but not less than \$5,000.

Project Value	Deposit Paid
Project Sq. Footage	Project Acres

I hereby certify that the information submitted is true and accurate

Signature	Date
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Office Use Only	
<input type="checkbox"/> Exempt	<input type="checkbox"/> Approved, Building Permit No.
Received by	Date