



CITY OF ONTARIO INTEGRATED WASTE DIVISION CONSTRUCTION & DEMOLITION RECYCLING PLAN (CDRP)

The Ontario Municipal Ordinance (OMC) Sec. 6-3.602 Construction & Demolition Recycling Plan and the 2019 California Green Building Standards Code (CALGreen) require all building and demolition permit applicants to submit a Construction & Demolition Recycling Plan (CDRP) **and** Construction & Demolition Recycling Plan (CDRP) Final Compliance Report.

OMC Sec. 6-3.602 and CALGreen require all construction and demolition projects to divert at least sixty five percent (65%) of all generated waste materials.

This packet will assist you in preparing your CDRP and CDRP Final Compliance Report that identifies materials diverted from landfills and reports a calculated diversion percentage. Technical assistance with completing the forms is available by calling (909) 395-2040.

The following construction and demolition projects in the City of Ontario, required a CDRP:

- The construction of any structure;
- Alterations or additions of non-residential structures;
- Alterations or additions of residential structures that increase area, volume, or size

Applicants **MUST** submit a CDRP Form, Final Compliance Report, and if applicable, Special Wastes Compliance Form, with supporting documentation electronically to CDRP@ontarioca.gov, deliver in person or mail completed forms to:

Attn: Environmental Division
To: Public Works – Integrated Waste Department
1425 South Bon View Avenue, Ontario, CA 91761

PRIOR TO CONSTRUCTION & DEMOLITION:

Complete Construction & Demolition Recycling Plan (CDRP)

An applicant for a building or demolition permit is required to prepare and submit an accurate and complete CDRP. **Approval** from the Integrated Waste Department of **CDRP** for each project, is a **condition to obtaining a building or demolition permit [Sec. 6-3.602 (e)]**. In the CDRP, the owner, general contractor, subcontractor, or developer shall estimate the amount of construction waste they expect to generate during the construction and/or demolition project.

A conversion table, provided in this packet, may assist you in estimating the tonnage. Materials targeted for recycling include wood, rock, soil, green waste, asphalt, brick, concrete, cardboard, paper, ceiling tile, ceramic tile, gypsum drywall, metal, plastic, and carpet. The CDRP requires diverting at least sixty five percent (65%) of the total debris generated by the project to reuse or recycle.

Construction and Demolition projects are required to use City of Ontario hauling service. Please call Customer Service at (909) 395-2050 to set this up. Please ensure the roll-off is for the collection of construction and demolition material to ensure material is being diverted appropriately. Self-hauling with company owned equipment (trucks and containers) is allowed, please keep all weight receipts issued by any recycling facility or landfill and maintain records or logs of the volume and weight of materials recycled and reused on the job site.

CDRP Planning Components

Maximizing the recovery of construction and demolition debris depends on many factors such as project type and phase, available space for sorting and storage, cost-effectiveness and time allowed for project. Here are some topics to consider when creating and implementing your CDRP.

Project Type & Phase: Demolition projects produce much more debris than renovation or new construction for similar sized projects. Wood is a primary component of most residential structures, whereas steel and concrete are often a primary component of commercial structures. Packaging material can often be a significant portion of the debris produced during renovation and new construction projects. The type of project can dictate the type of waste generated. Different phases/stages of the project may also determine type of waste and help plan accordingly with the services requested from phase to phase to maximize diversion efforts and cost.

Space on Building Site: Debris recovery maximization is often easiest if the building site is spacious enough to allow on site sorting. Having separate containers for each type of material can reduce contamination and increase value. The City of Ontario Integrated Waste provides mixed C&D roll offs with a diversion rate of at least seventy-five percent (75%); however, LEED projects or company policy may require projects to have a higher diversion rate, in which case source separation on site is an option.

Cost Effectiveness: Recycling and reuse are the most cost-effective ways to handle waste. The City of Ontario C&D recycling services are cheaper than trash disposal. Self-hauling material to a recycling facility could potentially save more. Many materials can be salvaged from demolition and renovation sites and sold, donated, stored for later use, or reused on the current project. Several local facilities buy and/ or accept donations of used building materials. Organizations that have space may consider storing high value material for later projects.

Typical materials recycled from building sites include metal, lumber, asphalt, concrete, roofing materials, plastic, conduit, corrugated cardboard, and dry wall (gypsum or wallboard). Typical materials suitable for reuse include plumbing fixtures, doors, cabinets, windows, carpeting, bricks, light fixtures, ceiling and floor tiles, wood, HVAC equipment, and decorative items.

Waste Reduction Methods: One way to maximize recovery and increase diversion rate is to avoid the generation of waste in the first place through waste reduction methods. Waste reduction methods can not only help meet state and local compliance requirements but also help the company save money. Waste reduction methods vary but for construction and demolition companies generally include accurate material ordering, careful material handling and storage, prefabrication, or standardized sizes.

Special Materials Handling: Construction and demolition projects may generate other types of waste that need to be diverted separately, as they cannot go into the general recycling or trash waste streams. These consist of universal wastes (i.e., batteries, electronic devices, mercury containing equipment, fluorescent lamps, cathode ray tube glass and aerosol cans) and hazardous waste (paints and paint thinners, cleaners, chemical drain cleaners, pool chemicals, pesticides, fertilizers, or other chemical landscaping care products). If these types of waste are generated on site, please contact San Bernardino county at (909) 382-5401 to determine how to properly handle special wastes and complete the Special Wastes Compliance Form.

DURING CONSTRUCTION & DEMOLITION

Divert at least 65% of construction and demolition debris generated

It is the responsibility of every owner, general contractor, subcontractor, and developer to divert at least sixty five percent (65%) of the generated construction and demolition debris to reuse or recycle from qualifying projects. Materials diverted prior to demolition and during and after construction are equally eligible for diversion.

“Diversion” means reducing amount of waste disposed at landfill by any of the following methods:

- Use of new construction methods that reduce the amount of waste generated.
- Onsite reuse of waste materials.
- On-site separation of materials and the delivery of recyclables to a recycling processing facility.

Construction and demolition projects are required to use City of Ontario hauling service. Please call Customer Service at (909) 395-2050 to set this up. Please ensure the material is being diverted with a C&D coded roll off. Self-hauling with company owned equipment (trucks and containers) is allowed, please keep all weight receipts issued by any recycling facility or landfill and maintain records of the volume and weight of materials reused on the job site. A list of processing facilities is included.

The City may monitor and evaluate each onsite construction and demolition project to follow progress toward the diversion requirement. All waste diversion methods are subject to restrictions and documentation requirements as set forth in regulations within the Ontario Municipal Code and CalGreen.

PROJECT COMPLETION

Complete Construction & Demolition Recycling Plan (CDRP) Final Compliance Report

Upon project completion, the applicant **MUST** submit via email to CDRP@ontarioca.gov, in person or via mail to the Integrated Waste Department an accurate and fully complete CDRP Final Compliance Report. **Approval** from the Integrated Waste Department of **CDRP Final Compliance Report** for each project or up to 10 projects on the same City Service Account **is a prerequisite for obtaining certificate of occupancy [Sec. 6-3.602 (f)]**. On the CDRP Final Compliance Report, the owner, general contractor, subcontractor, or developer shall submit documentation (original receipts or waste tags) demonstrating compliance with the requirement to divert a minimum of sixty five percent (65%) of the total construction and demolition debris generated by the project. The CDRP Final Compliance Report options include:

1. **Option 1- City Services.** If City service was used, confirm City account number, start and end date for account, and start and end date for project. Weight tickets are not required.
2. **Option 2- Self Hauling.** If self-hauling was used in whole or partially, provide summarized report of the material type and weight diverted and disposed of. **Attached copies of original receipts, weight tickets** and other records of measurement from recycling facilities, salvage companies, deconstruction contractors, waste haulers, processors, transfer stations, and landfills, are required prior to obtaining certificate of occupancy. Save all documentation.

To assist you in completing the required CDRP and Final Compliance Report, contact a representative of the Integrated Waste Department at (909) 395-2040 or email CDRP@ontarioca.gov.

CDRP FREQUENTLY ASKED QUESTIONS

What is the Construction & Demolition Recycling Plan (CDRP)? The Construction & Demolition Recycling Plan will document how an owner, general contractor, subcontractor, or developer will comply with the 65% diversion requirement for generated waste materials. This program is mandated by Ontario Municipal Code Sec. 6-3.602 and the 2019 California Green Building Standards Code (CalGreen).

Will it delay the start of my project? Generally, it will not cause a delay. Forms are available online at <https://www.ontarioca.gov/OMUC/Recycling> and at the time you apply for your building or demolition permits. However, if you do not submit a fully completed CDRP, you may be delayed in receiving your building or demolition permit.

Will there be additional permitting cost or assessment fees? No. There are no additional fees or assessments associated with this program.

Can someone help me with the forms? Yes, the City has experts available to help with completing the forms. In addition, the City, as the primary hauler, will assist you in completing your reporting requirements. Electronic version of the forms are available online. Assistance with completing either form or general questions please call (909) 395-2040 or email CDRP@ontarioca.gov.

Will my costs increase? Not necessarily, material recovery often proves more cost effective than disposal. For example, the City charge for a refuse roll off is \$562.06 per collection versus \$241.21 per collection plus disposal costs for an Inert (C&D) roll off.

How important is it to keep materials separated on the job site? A small amount of contaminating materials in a bin designated for recyclable C&D materials can make the entire bin unacceptable for recycling, thus increasing the cost for disposal.

Where can I find a copy of the codes? The Ontario Municipal Code can be found at https://codelibrary.amlegal.com/codes/ontarioca/latest/ontario_ca. The latest version of the 2019 California Green Building Standards Code (CalGreen) can be found at, <https://www.hcd.ca.gov/building-standards/calgreen/index.shtml>. Additional information about CalGreen is available on the International Code Council (ICC) website www.iccsafe.org. CalGreen is part 11 of Title 24 of the California Code of Regulations.

Where do I submit completed CDRP Form and CDRP Final Compliance Report? Submit by email to CDRP@ontarioca.gov, in person or mail to

Attn: Environmental Division
To: Public Works – Integrated Waste Department
1425 South Bon View Avenue, Ontario, CA 91761

CONSTRUCTION AND DEMOLITION DEBRIS CONVERSION CHART

Material	Pound Conversion	Tonnage Conversion
Asphalt (Crushed)	1,380	0.69
Concrete (Scrap /Loose)	1,855	0.928
Brick (Whole)	3,024	1.512
Cardboard (Flat/ Loose)	50.08	0.025
Cardboard (Whole Boxes)	16.64	0.008
Cardboard (Compacted)	400	0.2
Carpet/ Carpet Padding (Loose)	84.4	0.042
Ceramic Tile (6" x 6"/ Loose)	1,214	0.607
Dirt (Loose)	76	0.038
Glass (Broken)	80-100	0.04 - 0.05
Glass/ Windows	157	0.079
Gypsum (Solid)	142	0.071
Metal/ Aluminum (Scrap)	175	0.088
Metal/ Brass (Scrap)	906.43	0.453
Metal/ Copper (Scrap)	1,093	0.547
Metal/ Ferrous (Scrap)	906	0.453
Metal/ Paint Can (Empty)*	2.21	0.001
Metal/ Steel Trimmings	50-75	0.025 - 0.038
Rock (Loose)	2,570	1.285
Roofing/ Wood Shingle	435.3	0.218
Sand (Loose)	2,441	0.221
Stone/ Gravel	95-100	0.048 - 0.05
Wood/ Lumber (Scrap)	329.5	0.165
Pallet Wood or Plastic **	40	0.02
Plywood Sheet (2' x 4')	776.3	0.388
Yard Trimmings (Mixed)	108	0.054
Large Tree Limbs/ Tree Stump	1,080	0.54
All conversions are based on 1 cubic yard, unless otherwise noted.		
* 5 Gallon can		
** Average 48" x 48"		

**CONSTRUCTION AND DEMOLITION DEBRIS PROCESSING FACILITIES
FOR SELF HAUL OPTION**

Facility Information	Asphalt	Brick-Ceramic	Cardboard-	Carpet & Pads	Ceiling Tile	Concrete	Glass	Green Waste	Gypsum	Metal	Plastic	Roofing	Wood & Pallets	Mixed C&D	Refuse-Trash
Agua Mansa Properties 588 E Agua Mansa, Rialto (909) 824-3867	X	X				X				X		X			
Alpine Paper & Metal Recycling 8889 Etiwanda, Rancho Cucamonga (909) 899-3613	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
American Metal Recycling 11150 Redwood Ave, Fontana (909) 988-8000										X					
Artesia Sawdust Products 13465 S Ontario Ave, Fontana (909) 947-5983	X					X									
Augustine Metals 2021 W Placentia Ln, Ontario (951) 682-8102										X					
BNT Carpet & Packing 2900 Adams St, Suite B20 (951) 952-3451				X											
SA Recycling 15615 Arrow Blvd, Fontana (909) 823-3431									X						
COPP Materials 13792 Slover, Fontana (909) 429-9619	X					X									
D&D Recycling 255 W Benedict Rd, San Bernardino (909) 889-3717				X											
Filter Recycling Inc. 180 W Monte, Rialto (909)873-4141	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GMA Pallet Recycling Corp. 15121 Whittram Ave, Fontana (909)823-2061													X		
Main Street Fibers 608 E Main St, Ontario (909) 966-6310			X				X				X	X			
Mission Recycling 1341 E Mission Blvd, Pomona (909) 620-4688			X	X			X				X	X			
Newman & Sons Inc. 250 E Santa Ana, Bloomington (909) 820-3600	X														
Philadelphia Recycling Mine 1200 Philadelphia, Mira Loma (951) 820-3600	X	X													
West Valley MRF 13373 Napa, Fontana (909) 899-5501	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Habitat for Humanity ReStore 2180 Holt Blvd, Montclair (909) 399-0202		X		X	X				X		X	X			
Habitat for Humanity Restore 2180 Iowa, Riverside (951) 787-6754 x 113		X		X	X				X		X	X			



**CITY OF ONTARIO
CONSTRUCTION & DEMOLITION RECYCLING PLAN (CDRP)**

The City of Ontario adopted 2019 Green Building Standard Codes (CALGreen) which set forth recycling requirements for construction and demolition (C&D) projects to divert, salvage or reuse a minimum of 65% of the non-hazardous construction and demolition project waste. As per Ontario Municipal Code Section 6-3.602, an approved CDRP from the Integrated Waste Department is required for construction of any structure, alterations to nonresidential, and residential alterations that increase size, prior to issuing a building or demolition permit. Please submit CDRP to CDRP@ontarioca.gov. For questions, please call (909) 395-2040.

1. General Information	
Project Name: _____	Project Address: _____
Project Manager: _____	Company Name: _____
Company Mailing Address: _____	
Phone: _____	Email: _____
Project Start Date: _____	Project Completion Date: _____
Project type: <input type="checkbox"/> New Construction <input type="checkbox"/> Renovation <input type="checkbox"/> Demolition <input type="checkbox"/> Other: _____	
Building Type: <input type="checkbox"/> Commercial <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Other: _____	
Square Footage: _____	Construction Value: \$ _____

2. Waste Reduction Methods

Please indicate how the amount of waste on site will be reduced or minimized:

- Efficient Design (building material dimensions designed to available material or standard size)
- Careful and accurate material ordering Panelized or prefabricated construction
- Careful material handling and storage Other: _____

3. Estimated Material Tonnage

Please estimate the amount of material that will be generated from the project in Column C. From that, determine how much will be diverted (recycled or reused) and disposed in Columns A and B.

	Estimated Material Tonnage	Asphalt/ Concrete	Brick/ Masonry	Carpet/Pads	Ceiling Tile	Glass	Green Waste	Gypsum/Drywall	Metal	Plastics	Wood/ Pallets	Electrical	Refuse/ Trash	Rocks/ Soil	Cardboard	Roofing	Ceramic	Other: _____	Other: _____	Other: _____	Totals:	
A	Diverted																					
B	Disposed																					
C	Generated																					

4. Estimated Diversion Rate

Total tonnage Diverted (A) _____ / Total tonnage Generated (C) _____ = Diversion % _____

5. Special Waste

Please indicate if universal and/ or hazardous wastes will be generated. Universal waste may include appliances, electronic devices, batteries, fluorescent lamps, cathode ray tubes/glass, non-empty aerosol cans, mercury containing equipment. Hazardous waste includes paints, paint thinners, chemical cleaners, landscaping products. Generators submit Special Wastes Compliance Form.

- I will generate Universal Waste I will generate Hazardous Waste I will not generate either



CITY OF ONTARIO
CONSTRUCTION & DEMOLITION RECYCLING PLAN (CDRP)

6. Recycling and Diversion Options

Option 1: Use Roll-off Bins Provided by City.

C&D materials generated on site will be: [] Mixed/ Commingled [] Separated on Site
Please call customer service at (909) 395- 2050 to set up service. Request C&D roll off to receive diversion credits. City customer does not need to submit weight tickets but are required to submit a Final Compliance Report. Average diversion for C&D accounts is 77%. Weight tickets can be purchased by calling Customer Service. Roll offs are required to be serviced every two (2) weeks.

Customer Number: _____ Account Number: _____

Please initial below that you have read and understood the following terms and conditions:

- Project Managers shall make all reasonable efforts to keep containers clean and without contamination. If excess contamination is found, load will be charged as trash.
Project Manager shall be liable for all loss or damages to City equipment.
City of Ontario shall not be responsible for any damages resulting from providing services.

Option 2: Self Haul with Company Owned Equipment.

C&D materials generated on site will be: [] Mixed/ Commingled [] Separated on Site
Project Manager is responsible for ensuring that materials are properly disposed of and meet at least a 65% diversion rate. Supporting receipts and weight tickets are required with Final Report.

Trailer size(s) on site: _____ Frequency: _____

Please initial below that you have read and understood the following terms and conditions:

- All containers, bins and other collection equipment must be properly labeled and owned by Project Manager, not a contracted or 3rd party hauler.
An approved CDRP must be made available to any City of Ontario employee upon request.
Project Manager is required to submit a Final Compliance Report with all receipts and other documentation demonstrating diversion prior to obtaining a Certificate of Occupancy.
All debris shall be weighed on scales in compliance with all regulatory requirements.
Debris shall not be stored on site in the open for a period more than four (4) weeks.

7. Site Plot Plan

Please attach a schematic of your construction footprint identifying areas for loading, collecting, and storing construction debris generated on site. Indicate access for collection vehicles.

[] Plans/ visual schematic is attached with this form.

8. Verification

The estimated material tonnages reported on this form are my best estimate of the disposition of the C&D material generated at this project site. I shall dispose of the C&D waste as specified in section 6 of this form. I acknowledge that a CDRP Final Compliance Report with supplemental documentation is required when project is completed, prior to final inspection and obtaining certificate of occupancy.

Print Name: _____ Signature: _____ Date: _____

PW-IWD Use Only

Date Received: _____ Reviewed By Name: _____ Signature: _____

[] Approval Date: _____ [] Denial Date: _____ Reason for Denial: _____

Corrections: _____



**CITY OF ONTARIO INTEGRATED WASTE
SPECIAL WASTES COMPLIANCE FORM**

The City of Ontario adopted the 2019 Green Building Standards Code, which set forth requirements for Universal Waste to be properly disposed and diverted from the general waste stream (section 5.408.2). Non-residential additions and alterations to a building or tenant space shall require proper disposal of Universal Waste. Hazardous Wastes must be disposed of properly and regularly removed from site as per Ontario Municipal Code (OMC) sections 6-3.302(d) and 6-3.602(d)(1).

Construction and demolition projects may generate special wastes that need to be diverted from the landfill. These consist of universal wastes (batteries, electronic devices, mercury containing equipment, lamps, cathode ray tube glass and non-empty aerosol cans) and hazardous waste (paints and paint thinners, cleaners, chemical drain cleaners, pesticides, and other chemical landscaping care products).

Please contact San Bernardino County at (909) 382-5401 to determine how to properly handle special wastes generated from project and complete this form accordingly.

1. General Information

Project Address: _____

Project Manager Name: _____ Project Manager Phone Number: _____

Contractor Company Name: _____ Company Phone Number: _____

Contractor Company Address: _____

Property Owner Name: _____ Phone Number: _____

2. Please list the diversion method and/or licensed hazardous waste hauler used for properly disposing of all special waste materials generated on property:

Special Waste Material	Disposal Method/ Licensed Hauler	Estimated Amount
Aerosol Cans		
Asbestos		
Batteries		
Cathode Ray Tube Glass		
Cathode Ray Tubes		
Drain Cleaners		
Electronic Devices		
Fluorescent Lamps		
Glass Cleaners		
Mercury-Containing Equipment		
Paints		
Pesticides & Herbicides		
Pool Products		
Solar Panels		
Solvents		

I certify this information is true and accurate. I understand that the City may audit disposal and recycling documentation. I will submit this Special Wastes Compliance Form with all disposal/ recycling receipts to City of Ontario Integrated Waste Department at the time project is completed before obtaining Certificate of Occupancy as part of Contractors Final Compliance Report.

Print Name: _____ Signature: _____ Date: _____



**CITY OF ONTARIO
CONSTRUCTION & DEMOLITION RECYCLING PLAN (CDRP)
FINAL COMPLIANCE REPORT**

**** Submittal of this form is required to obtain certificate of occupancy**

**** OPTION 2 ONLY- Required documentation (bill, disposal/recycling receipts) for compliance verification.**

The Final Compliance Report is a summary of the actual diversion of materials generated on site. After project completion, please complete option 1 and/or 2 and attach supplemental documentation if applicable. Please submit this form to CDRP@ontarioca.gov along with a Special Wastes Compliance Form, if applicable. Third party haulers are **not allowed** in the City of Ontario per Ontario Municipal Code Section § 6-3.105. For questions, please call (909) 395-2040.

Project Address: _____ Company Name: _____ Permit #'s: _____

Option 1: Use of City Roll Off Services	
<i>**if City services were used, complete this section- disposal/recycling receipts are not needed**</i>	
Account Number:	Contact Number:
Account Start Date:	Account End Date:
Project Start Date:	Project End Date:

Option 2: Self-Haul with Company Owned Equipment						
<i>**Please indicate tonnage, diversion method and facility used for each material generated, attach weight tickets**</i>						
Material Type	A	B	C	D	E	F
	Total Generated	Reused	Recycled	Disposal	Destination Name & Address	Separated (S)/Mixed (M)
Asphalt/Concrete						
Brick/Masonry						
Cardboard/Paper						
Carpet- Padding						
Green Waste						
Gypsum/ Drywall						
Roofing						
Scrap Metal						
Soil/Dirt						
Trash						
Wood						
Other:						
Total						

Total Tonnage Diverted (B + C) _____ / Total Tonnage Generated (A) _____ = Diversion % _____

Certification

I certify that the information in this report is true and accurate, and all C&D materials were taken to legitimate recycling, reuse, or salvage facilities as confirmed by the attached receipts and waste tags.

Project Manager: _____ Phone: _____ Date: _____

PW-IWD Use Only		
Date Received: _____	Reviewed By Name: _____	Signature: _____
<input type="checkbox"/> Approval Date: _____	<input type="checkbox"/> Denial Date: _____	Reason for Denial: _____
Corrections: _____		