



CITY OF  
**FOLSOM**  
DISTINCTIVE BY NATURE

# Construction & Demolition Recycling Program Building Contractor's Resource Guide & FAQ's

(Revised July 2018)



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## **Frequently Asked Questions (FAQ's)**

### **Compliance with City of Folsom Construction/Demolition Debris Recycling Ordinance & State of California Green Building Standards (CalGreen)**

#### ***1. Why has the City of Folsom adopted a Construction & Demolition Debris Recycling Ordinance and the CalGreen Standards?***

California generates thousands of tons of construction and demolition (C & D) debris each year, most of which is dumped in our state's landfills. These landfills can contribute to groundwater and other types of pollution. Recycling or reusing this debris reduces the amount of environmental degradation and helps to conserve our natural resources.

All California cities and counties including Folsom are required by State law (AB 939) to recycle at least fifty percent (50%) of their municipal solid waste which includes construction debris. The City of Folsom is subject to significant fines for failure to comply with the 50% recycling requirement.

The California Building Standards Commission has recently issued new green building standards under the "CalGreen Program" and the City of Folsom has adopted these standards as changes to the building code. The City's Construction & Demolition Recycling Ordinance and adoption of the CalGreen standards enables the city to increase the level of sustainability and meet the State's regulatory requirements.

#### ***2. When did enforcement of the Ordinance and the CalGreen Standards begin?***

Enforcement of the City's C & D Ordinance began December 4<sup>th</sup>, 2006. Enforcement of the CalGreen Standards began on January 1<sup>st</sup>, 2011 with new requirements taking effect on January 1<sup>st</sup>, 2017.

#### ***3. What types of debris from construction and demolition projects is recyclable?***

The most commonly recycled materials include: concrete, asphalt, wood, drywall, metals, cardboard, and copper insulated wire. New in 2017 all non-residential projects must identify and recycle Universal Waste materials. Universal waste is comprised of household batteries, electronics, Mercury containing devices, cathode ray tubes (CRTs) and CRT glass and aerosol cans.

**4. What types of projects are included under the City's Ordinance & CalGreen and how do I comply?**

Applicable projects include 1) all new permitted residential construction and building projects which increase the conditioned (living) area or volume; 2) all new permitted non-residential construction projects, or building projects which are greater than or equal to \$200,000, or non-residential additions greater than 1,000 square feet; and 3) all residential or non-residential permitted demolition projects regardless of the demo project's valuation. All are required to submit a Waste Management Plan (WMP) and pay fees as applicable.

All applications for permits that include the above mentioned project types will be required to submit a WMP before a permit is issued. When submitting a WMP, applicants must select either Option One (Hauler Responsibility) or Option Two (Applicant Responsibility).

**5. What is the difference between Option One (Hauler Responsibility) and Option Two (Applicant Responsibility)?**

**Option One: C&D Hauler Responsibility:** Under Option One, an applicant will select one (1) permitted C&D waste hauling company from the list provided by the City. The permitted waste hauling company is required to collect ***all*** of the materials generated from the construction or demolition project. The applicant shall submit the completed contact information page and the Option One Acknowledgement Form, which must be signed by the applicant and a representative from the permitted waste hauling company. Under Option One, compliance with the City's Ordinance and the CalGreen Material Conservation and Resource Efficiency requirements are the responsibility of the hauler, and the applicant is not responsible for tracking any of the material hauled from the job site.

**Option Two: Applicant Responsibility:** Under Option Two, applicants are responsible for compliance with the C&D Ordinance and the CalGreen standards, which includes the following steps:

The applicant must complete and submit a WMP form when applying for an applicable construction or demolition permit. The applicant must identify the types of materials generated that will be generated from the project and note which facility where those materials will be recycled, reused, or disposed.

During construction or demolition of the project, the applicant must ensure that the contractor recycles or reuses (salvages) a minimum of 65% of the debris generated from that project.

Once the project is completed, the applicant or the contractor must submit the completed WMP including copies of weight tickets, receipts or other documentation to verify that a minimum of 65% the debris was recycled or reused. Please submit

documentation to the Solid Waste Division via fax, PDF or regular mail – please see contact information under #15.

**6. *What if I have difficulty estimating the types and quantities of materials generated from my construction or demolition project?***

Included in the application package for a building or demolition permit will be some useful resources for estimating the types of materials generated from various project types, as well as a list of local facilities that accept materials for recycling.

**7. *Does the C&D Ordinance or CalGreen require that I pay any fees?***

Under Option One, the construction or demolition permit applicant does not pay any fees. All administrative fees are paid by the permitted hauler.

Under Option Two, the project applicant will pay an applicant fee that is based upon the project square footage. Project square footage is determined by the City's Building Division. A list of fees is provided in the Waste Management Plan Application.

**8. *Are all projects subject to the C&D Recycling Ordinance and CalGreen?***

Applicable projects include: all new permitted residential construction and residential building projects and tenant improvements that increase living space (volume of conditioned space) and all permitted non-residential construction or building projects (alterations/renovations) valued at \$200,000 or more or non-residential additions of 1,000 square feet or more. In addition, all residential and non-residential permitted demolition projects, regardless of valuation, are subject to the requirements.

**9. *Is there a minimum valuation limit for demolition projects?***

No. All demolition projects are subject to the Ordinance regardless of the value of the project.

**10. *I want to use Option Two but I am not familiar with C&D recycling facilities or methods. What can I do?***

You may separate debris from your project and take those materials to recyclers who handle specific materials such as wood, metal or concrete. You can also comingle or mix materials and take those materials to a certified mixed waste processing facility. You will automatically receive a 65% diversion rate for all mixed

materials taken to a certified facility. You may also reuse or salvage material which counts towards the 65% diversion requirement. This Guide includes a list of recycling and reuse facilities including certified mixed waste processing facilities where you can take your mixed or commingled debris. You can also contact the City's Solid Waste Division at (916) 461-6730 to receive more information on local recycling facilities and methods on how to reuse or recycle your debris.

**11. Under Option Two, what is the process for filling out and submitting the WMP Plan?**

You must fill out all of the contact information along with the square footage of the project and an estimate of the types of material generated from your project under Option 2, Part A. You must submit the WMP for review to the Solid Waste Division or the City's Building Counter located at Folsom City Hall. After the WMP has been reviewed, your WMP will either be approved, or you will receive a request for additional information.

After your project is completed, you must provide copies of weight tickets or volumes of debris that was generated from your job site and note those numbers under Part B, of Option Two. The completed WMP must be submitted to the Public Works Department, 50 Natoma St. Folsom, CA 95630 within 30 days after the issuance of a Certificate of Occupancy or Final Inspection. You can also fax the information to (916) 351-3588 or email to [solidwaste@folsom.ca.us](mailto:solidwaste@folsom.ca.us).

**12. Under Option Two, what happens if I do not recycle 65% of my C&D materials at the conclusion of the project?**

The Ordinance requires that project applicants who do not recycle 65% of their waste must pay a "Diversion Compliance Fee" in the amount of \$20 per ton. For example, if the project generated 10 tons of waste material, you would need to recycle 6.5 tons to be in compliance with the 65% recycling requirement. However, if you recycled only four tons, you would be required to pay a Diversion Compliance Fee in the amount of \$50 for failure to comply with the requirement (2.5 tons x \$20 = \$50).

**13. I have a construction project that will generate a very small amount of recyclable materials. How can I comply with the requirements?**

You may apply for an alternate recycling requirement if special circumstances prevent you from recycling 65% of the debris generated from your project. You may also request an exemption based on circumstances that could prevent or limit you from recycling 65% of the debris from your project. If you wish to apply for an exemption, please fill out all of the contact information on page one of the WMP, and submit a letter stating why you are requesting an exemption from the requirement.

Submit the WMP and letter to the building counter stating why you need a request for an exemption and it will be reviewed.

**14. Do I need to do anything different for phased or multi-family projects?**

Please provide the information specified within the residential and multi-family information block located on page one of the WMP. When your permit is issued, you will be asked to complete a reference form indicating which permits you are pulling and any note any changes to your project.

**15. Who do I contact to get additional information?**

Contact the City's Solid Waste Division at (916) 461-6730, fax (916) 351-3588 or email to [solidwaste@folsom.ca.us](mailto:solidwaste@folsom.ca.us)

**16. What is Universal Waste and how do I properly dispose of it?**

Universal Waste is a set of products considered to be hazardous waste that have been deregulated by the state (and federal) government because they are "universally" found in most homes and businesses. Universal Waste is defined in Chapter 23 of Title 22 of the California Code of Regulations and includes batteries, lamps, electronic devices, mercury containing equipment, cathode ray tubes (CRT's) and CRT glass, and non-empty aerosol cans. Any Universal Waste that can be found in **non-residential** building projects must be identified on the construction documents and recycled as part of the WMP. For more information on Universal Waste visit the web site of the California Department of Toxic Substances Control at <http://www.dtsc.ca.gov/hazardousWaste/UniversalWaste/index.cfm>.

## List of Organizations & Agencies for Information on C & D Recycling

<b>Name of Organization</b>	<b>Ph. Numbers</b>	<b>Website address</b>	<b>What they do</b>
City of Folsom Solid Waste Division	(916) 461-6730	<a href="mailto:solidwaste@folsom.ca.us">solidwaste@folsom.ca.us</a>	Provides oversight and compliance for Folsom Waste Management Plans
Construction Materials Recycling Association	(630) 585-7530	<a href="http://www.cdrecycling.org">www.cdrecycling.org</a>	Information on issues and technology for the C & D Industry
Solid Waste Association of North America	(301) 585-2898	<a href="http://www.swana.org">www.swana.org</a>	Association for providing information, training & certification for solid waste industry
California Department of Resources and Recycling	(916) 341-6300	<a href="http://www.calrecycle.ca.gov">www.calrecycle.ca.gov</a>	California Agency for oversight of solid waste regulatory compliance
US Environmental Protection Agency	(202) 272-0167	<a href="http://www.epa.gov">www.epa.gov</a>	US Agency for oversight of solid waste regulatory compliance
US Green Building Council (LEED)	(202) 828-7422	<a href="http://www.usgbc.org">www.usgbc.org</a>	Provides information on sustainable building design. Developers of LEED green building rating system
Habitat for Humanity	(916) 440-1215 x 1104	<a href="http://www.habitat.org">www.habitat.org</a>	Non-profit organization for reused building materials
Whole House Building Supply & Salvage	(650) 856-0634	<a href="http://www.driftwoods salvage.com/">www.driftwoods salvage.com/</a>	Reseller/Salvage company for reclaimed building materials
Waste Cap	(781) 679-2176	<a href="http://www.wastecap.org">www.wastecap.org</a>	Provides waste reduction and recycling assistance to businesses
Construction & Demolition Council of the California Resource & Recovery Association	(916) 441-2772	<a href="http://www.crra.com/cdc/">http://www.crra.com/cdc/</a>	Promotes C&D material recovery practices and the expansion of infrastructure and markets. Advocates green building principles into C&D projects
California Building Standards Commission	(916) 263-0916	<a href="http://www.bsc.ca.gov">www.bsc.ca.gov</a>	Responsible for California's building codes, including adopting, approving codes & standards
The Reuse People of America, Inc.	(916) 399-8900	<a href="http://www.reusestore.org">www.reusestore.org</a>	Non-profit organization that accepts or picks up deconstructed building materials. Organization has a store that sells building materials to the public— call for details
California Department of Toxic Substances Control	(800) 728-6942	<a href="http://www.dtsc.ca.gov">www.dtsc.ca.gov</a>	California agency for oversight of hazmat (Universal Waste) and regulatory compliance



## List of Regional Recycling or Reuse Facilities

Name of facility	Address	Hours of Operation	Phone Numbers	Acceptable Materials	Other Information
Bell Marine Sand & Gravel	28 28 <sup>th</sup> St. Sacramento, CA 95816	M-F 7am -4pm Sat 7am-3pm	(916) 442-9089	Concrete, asphalt	Call for material specifications and rates
City of Folsom Household Hazardous Waste Collection Program	50 Natoma St., Folsom, CA 95630	By appointment ONLY M-F	(916) 461-6746	Universal Waste	Call for pick up or drop off of Universal Waste
Consolidated Pallet Company	5300 Florin-Perkins Rd. Sacramento, CA 95826	M-F 7am-5pm	(916) 381-8123	Pallets	Call for material specifications and rates
Crete Crush	12584 White Rock Rd. Rancho Cordova, CA 95670	Mon-Fri 7am - 6pm Sat 7am - 3pm	(916) 985-2700	Concrete & Asphalt	Call for material specifications and rates
<b>Elder Creek Transfer &amp; Recovery Station</b>	<b>8642 Elder Creek Rd. Sacramento, CA 95828</b>	<b>M-F 6am - 5pm Sat. 6am - 3:30pm</b>	<b>(916) 387-8425</b>	<b>Mixed drywall &amp; wood, inert materials, metal</b>	<b>Certified facility for diverting 65% of mixed debris</b>
<b>El Dorado County Disposal Facility/MRF</b>	<b>4100 Throwita Way Placerville, CA 95667</b>	<b>8am -5pm Open seven days a week</b>	<b>(530) 626-4141</b>	<b>Mixed drywall &amp; wood, inert materials, metal</b>	<b>Certified facility for diverting 65% of mixed debris</b>
<b>Florin-Perkins Public Disposal Site/MRF</b>	<b>4201 Florin-Perkins-Rd. Sacramento, CA 95826</b>	<b>M-F 6am-4:45pm Sat./Sun. 8am-3:45 pm</b>	<b>(916) 443-5120</b>	<b>Mixed drywall &amp; wood, inert materials, metal</b>	<b>Certified facility for diverting 65% of mixed debris</b>
Granite Construction Company	4291 Bradshaw Rd. Sacramento, CA 95827	Please call for hours	Phone: 916-855-4400	Concrete, Asphalt	Call for material specifications and rates
International Paper Recycling	1714 Sebring St. West Sacramento, CA 95691	M-F 7am-4:30 pm	(916) 371-4634	Cardboard, Paper, CRV	Call for material specifications and rates
J & L Pallets	3061 52 <sup>nd</sup> Ave. Sacramento, CA 95823	M-F 7am-3:30 pm	(916) 424-2712	Pallets	Call for material specifications and rates
<b>L &amp; D Landfill - C&amp;D processing Facility</b>	<b>8635 Fruitridge Rd. Sacramento, CA 95826</b>	<b>M-F 6:30 am-4:30 pm Sat. 8am-1pm</b>	<b>(916) 383-9420</b>	<b>Mixed drywall &amp; wood, inert materials, metal</b>	<b>Certified facility for diverting 65% of mixed debris</b>
Lopez Ag Service	Florin Rd & Eagles Nest Rd, Sacramento, CA 95829	M-F 7am - 4pm	(916) 682-5450	Clean drywall & clean wood	Call for material specifications and rates
Mings Metals	3316 47 <sup>th</sup> Ave. & 8380 Florin Rd. Sacramento	Call for hours	(916) 421-5054	Scrap metals CRV items	Call for material specifications and rates
Pacific Pallet Exchange	2681 Fifth St. Sacramento, CA 95818	M-F 7:30am-3pm	(916) 448-5589	Pallets	Call for material specifications and rates

Recycling Industries	3300 Power Inn Rd.& 4741 Watt Ave. Sacramento, CA	Call for hours	(916) 452-3961 & 979-1529	Cardboard, paper, CRV	Call for material specifications and rates
<b>Sierra Waste &amp; Recycling</b>	<b>3562 Ramona Ave. Sacramento, CA 95828</b>	<b>Call for hours</b>	<b>(916) 388-8320</b>	<b>Mixed drywall &amp; wood, inert materials, metal wood and green waste</b>	<b>Certified facility for diverting 65% of mixed debris</b>
WestRock	4800 Florin Perkins Rd, Sacramento, CA 95826	M-F 7am-5pm Sat. 7am-2pm	(916) 381-3341	Cardboard, paper CRV	Call for material specifications and rates
Sacramento Recycling \ Transfer	8491 Fruitridge Rd. Sacramento	M-F 5am - 5pm Sat. 8am - 5pm	(916) 379-0500	Cardboard, paper, HHW	Call for material specifications
Sacramento County Kiefer Landfill	12701 Kiefer Blvd. Sloughhouse, CA 95826	M-F 6:30am - 4:30pm Sat-Sun 8:30am - 4:30pm	(916) 423-2030	Concrete, asphalt, brick, appliances	Must identify Material types at scale house
Sacramento County Recovery Station	4450 Roseville Rd. North Highlands, CA 95660	M-F 6:30am - 6pm Sat-Sun 8am - 6pm	(916) 875-5555	Concrete, asphalt, brick, appliances	Identify Material types at scale house
Sacramento Habitat for Humanity	8351 Umbria Av., Bldg 5, Bay 1 at Florin-Perkins Road in the old Army Depot	Tuesday-Saturday 10am-5pm	916-440-1215	Accepts tax deductible donations of clean wood and various building materials	Call for material specifications
Schnitzer Steel Industries	12000 Folsom Blvd. Rancho Cordova, CA 95670	M-F 6am - 3pm	(916) 985-4810	Metals, Appliances, CRV	Call for material specifications and rates
Second Cycle	1445 Fiddyment Rd. Lincoln, CA	Call for details	(916) 496-1848	Concrete, asphalt, rock	Call for material specifications and rates
Sims Metals	11320 Dismantle Ct. Rancho Cordova, CA 95670	M-F 7am - 4pm	(916) 635-5600	Metals, Appliances, CRV	Call for material specifications and rates
Sunshine carpet padding & foam recycling	8420 Elder Creek Rd. Sacramento, CA 95828	Please call for hours	(916) 383-5213	Clean used carpet padding and foam	Call for material specifications and rates
Vulcan Materials	9801 Dell Road Roseville, CA 95747	Please call for hours	916-773-3225	Concrete, Asphalt	Call for material specifications and rates

Facilities in **bold** are state certified to recycle 65%

## Typical Ranges and Averages of C & D Bulk Densities

Waste Component	Range of Bulk Densities (lbs/yd <sup>3</sup> )	Average Bulk Densities (lbs/yd <sup>3</sup> )
Mixed Construction	300-600	450
Wood	200-540	400
Pallets	150-230	190
Concrete	1500-2200	1900
Crushed Brick	1300 - 2000	1600
Cardboard	70-135	85
Drywall	325-470	400
Asphalt Roofing	250-460	360
Ferrous metal	220-1940	540

*2001 Solid Waste Association of North America*

<b>C &amp; D Debris Generation Estimates per Activity Type</b>	
Activity Type	Average Estimate
Residential Construction	4.4 pounds per square foot
Non-Residential Construction	4.2 pounds per square foot
Residential Demolition	115 pounds per square foot
Non-Residential Demolition	155 pounds per square foot
Residential Renovation	4.5 tons per job

*USEPA Characterization of Building-Related Construction & Demolition Debris in the U.S. 1998  
Please note these are only estimates and may not represent numbers accumulated from every project category*