

San Francisco Department of the Environment Regulation No. SFE13-03-GB

Regulations Implementing Green Building Requirements for City Buildings Ordinance
(Ordinance No. 204-11, amending San Francisco Environment Code, Chapter 7, Section 700 through 713)

Effective Date: October 21, 2013

A. Authorization

The Ordinance amending the San Francisco Environment Code, Chapter 7, Sections 700 through 713 (Ordinance) was signed by Mayor Lee on 10/10/2011 and became effective on 11/4/2011. The Ordinance creates a program implemented by the Department of the Environment (Department), with oversight by the Municipal Green Building Task Force. Among other provisions, the Ordinance requires LEED Gold Certification for Municipal Construction Projects; provides for Collection, Storage and Loading of Recyclable and Compostable Materials for City departments; provides requirements for diverting debris generated at City construction and/or demolition projects from landfill; and establishes water conservation and energy efficient lighting retrofit and indoor environmental quality requirements.

The Director of the Department (Director) promulgates these regulations pursuant to the Director's authority to develop guidance, forms, performance procedures, rules and regulations Environment Code Section 703(b). Section numbers in these regulations refer to Environment Code Chapter 7, as amended.

B. Scope

The purpose of these regulations is to provide the forms, performance procedures, rules and regulations to carry out the provisions of that Chapter. These regulations do not duplicate the Ordinance and must be read together with the Ordinance.

C. Process

The Department has consulted with the Municipal Green Building Task Force with representation from 12 City Departments in promulgating these regulations. The Task Force unanimously recommended the regulations for approval. The Director held a public meeting to discuss these regulations on October 21, 2013.

D. Requirements

See Attached.

The Director of the Department of the Environment hereby adopts these regulations as of the date specified below.

Melanie Nutter
Director Department of the Environment

Approved: 

Date: 10/24/13

Regulation No. SFE13-03-GB
Implementing Green Building Requirements for City Buildings Ordinance
(Ordinance No. 204-11, amending San Francisco Environment Code,
Chapter 7, Section 700 through 713

I. Definitions

The terms used in these Regulations have the same meanings as in the Ordinance. The definitions are in Section 701.

II. Forms, Regulations and Guidelines

As provided by Section 703 (b) the Director may adopt necessary forms, regulations and guidelines to implement this Chapter.

III. Regulations

A. Current applicable versions of LEED—Sec. 705(g): The USGBC updates the LEED rating system on a three-year cycle. The Director shall as necessary adopt by the regulation the current applicable versions of LEED pursuant to Section 703(b).

Regulation:

Wherever specific LEED® prerequisites or credits are cited, such references are to LEED BD&C 2009 or LEED ID&C 2009. More recent LEED versions may be used, provided the credits and points achieved are at least as stringent as LEED BD&C 2009 or LEED ID&C 2009.

B. Construction and Demolition Debris Management—Sec. 708: provides requirements for managing debris generated during each construction and/or demolition project for City-owned Facilities or City leaseholds located within the nine counties surrounding the San Francisco Bay, regardless of size of the project. Requirements include various requests, procedures and forms as follows:

Regulations:

1. Request to Send Construction & Demolition (C&D) Debris Material Directly to Landfill

The Ordinance allows for a Contractor to submit a request to the Department to send Construction & Demolition (C&D) debris material directly to landfill; the requirements for this request are set forth in Section 708(a)(3). The form in Attachment A is the Request to Send Construction & Demolition Debris Material Directly to Landfill, and the form is designed for either an original or an amended request. All sections of the form must be completed, including a signed affidavit under penalty of perjury; if any section is omitted, the request will not be considered by the Department.

2. Request to Send C&D Debris Material to BioMass Energy Generation Facility

The Ordinance allows for a Contractor to submit a request to the Department to send C&D debris material to a facility using the material as boiler fuel in BioMass Energy Generation; the requirements for this request are set forth in Section 708(a)(4). The form in Attachment B is the Request to Send Construction & Demolition Debris Material to a BioMass Energy Generation Facility. All sections of the form must be completed, including a signed affidavit under penalty of perjury; if any section is omitted, the request will not be considered by the Department.

3. Construction & Demolition Debris Management Plan Requirements

The Ordinance requires the Contractor to prepare and submit a Construction & Demolition Debris Management Plan (CDDMP) prior to commencement of the demolition or construction project [Section 708(b)]. Pursuant to Section 708(b)(2)(B) the Director shall specify the form to be used by regulation, and Attachment C (Construction & Demolition Debris Recovery Worksheet) is the form for this purpose, and can be designated as such by checking the first box in the center of page 1 of the form.

The contractor must manage all project C&D debris materials to meet a minimum diversion rate of 75%.

For projects located within the legal and geographical boundaries of the City and County of San Francisco, Mixed C&D Debris material must be taken to a Registered Facility by a Registered Transporter, per Environment Code 14. The diversion rate for Mixed C&D Debris taken to one of San Francisco's Registered Facilities is 65%.

For projects outside San Francisco, the diversion rate for Mixed C&D Debris is 65% if taken to one of San Francisco's Registered Facilities; if taken to a non-registered facility the diversion rate approved by the local jurisdiction will be used, and official documentation of the diversion rate approved by the local jurisdiction must be provided by the Contractor. If a facility does not have a locally approved recycling rate, the diversion rate is calculated as zero.

When submitting the CDDMP, the Contractor shall include a brief explanation of how all subcontractors will be informed of the reuse and recycling goals, and how the jobsite will be managed to ensure compliance with all aspects of the plan by all persons working on the project.

The Contractor will obtain tonnage estimates from all subcontractors working on the project and compile data from subcontractors onto one CDDMP to submit to the City Representative stating under penalty of perjury that all materials will be taken to locations indicated on the form and hauled by the named transporters. Contractor is responsible for compliance by all subcontractors. If an unforeseen circumstance requires a change to the facilities or transporters named and approved on the original CDDMP, the Contractor must submit a written request to the City Representative for approval prior to the change being made; a copy should be sent to the Department. The request must provide documentation explaining why the change may be necessary, and must include a signed affidavit under penalty of perjury agreeing to use new facilities or transporters if approved. Attachment D is the Request to Change Facilities or Transporters; all sections of the form must be completed; if any section is omitted, the request will not be considered.

After reviewing and approving the CDDMP pursuant to Section 708(b)(3) the City Representative shall send the approved CDDMP to the Department electronically if possible for optional review and approval if the project involves a Full Demolition Permit from the code official having jurisdiction or if the project cost of the project exceeds \$100,000. The City Representative must secure a Return Receipt for this transmittal, indicating the date the Department receives the plan. The Department shall issue any comments or requests to the City Representative within 10 business days of CDDMP receipt. In the absence of such notification, the City Representative shall authorize work on the project to commence.

Approval of the contractor's CDDMP by the City Representative shall not relieve the contractor of the duty to comply with any other applicable laws regulating control or disposal of solid waste or other pollutants.

4. Summary of Diversion

The Ordinance requires that the Contractor shall submit a signed Summary of Diversion to the City Representative showing actual C&D debris material diversion coinciding with the time period of the Progress Payment [Section 708(c)]. The contractor shall compile data from all subcontractors into one plan/report, all weights of materials are reported in tons, and documentation supporting the reported weights shall be attached. Documentation shall include weight tags or other similar proof the hauler received from a facility where material was transported; if a facility issues a receipt with cubic yards only, the contractor shall use the Conversion Rates found in Attachment E. The documentation issued by the facility shall include the commodity or material type that was delivered to the facility and shall include evidence that the material was from the contracted job; such evidence may include the project address or project/job number provided by the facility on the weight tags or receipts it creates. Diversion reports prepared by vendors, work orders or invoices for services shall not be acceptable unless accompanied by requirements noted above. Attachment C (Construction & Demolition Debris Recovery Worksheet) is the form for this purpose, and can be designated as such by checking the second box in the center of page 1 of the form. The Contractor shall sign the Summary under penalty of perjury.

Failure to submit the Summary of Diversion and supporting documents shall render the application for progress payment incomplete and delay progress payment.

After review and approval the City Representative shall send the Department a copy of the Summary Diversion Report and supporting documentation for any project involving a full demolition or exceeding a cost of \$100,000.

5. Final Diversion Report

The Ordinance requires that the Contractor shall submit a signed Final Diversion Report showing weight of C&D debris material diverted for the entire project and the overall diversion rate achieved [Section 708(d)]. Attachment C (Construction & Demolition Debris Recovery Worksheet) is the form for this purpose, and can be designated as such by checking the third box in the center of page 1 of the form. The Final Diversion Report shall be prepared into one plan/report by the Contractor with data from all subcontractors, shall be signed under penalty of perjury and submitted to the City Representative for approval prior to final payment; the City Representative shall send a copy to the Department.

6. Retention of Records

Pursuant to Section 708(e) of the Ordinance the Department has determined that the City Representative for a project shall retain all C&D Debris Management Plans, Summaries of Diversion, Final Diversion Reports and all supporting documentation after completion of the project for three (3) years. These retained items are available to the Department upon request.

C. Indoor Environmental Quality—Sec. 711: Additional IEQ construction specifications and facility maintenance protocols for City-owned Facilities and City Leaseholds may be adopted by regulation pursuant to Section 703(b).

Regulations:

1. **Eliminate materials with lead**

For new construction and major alterations, eliminate building materials manufactured with lead, specifically for surfaces that can be touched or that can weather onto areas accessible to children and the public, such as exterior lead-coated copper sheets and gutters. This includes solder, roofing (specifically terne, copper roofing, and roof flashing), finishes with lead-coated copper, and leaded wiring. For renovation projects, ensure the removal and appropriate disposal of disconnected wires with lead stabilizers.

2. **Precautionary Purchasing**

Commodities and cleaning products purchased for use in City-Owned Facilities and Leaseholds shall be selected from the SF Approved list. The SF Approved List includes vendors, costs, and criteria for over 1,000 safer, more environmentally friendly products to help City Departments be in compliance with the SF Environment Code Chapter 2: Precautionary Purchasing Ordinance. <http://www.sfapproved.org/>

D. Procedures to Request a Waiver—Sec. 713: Waivers.

Regulations:

1. **Emergency Waiver:** A City Department may grant itself a waiver for emergency purposes by submitting a completed Emergency Waiver Notification (Attachment F) to the Municipal Green Building Coordinator for recordkeeping purposes.

2. **Cost Prohibitive or Other Specific Circumstances:** A City Department seeking a waiver shall submit the Municipal Green Building Waiver Request (Attachment G) to the Municipal Green Building Coordinator on behalf of the Municipal Green Building Task Force. The Task Force shall make a recommendation to the Director of the Department of the Environment who shall grant or deny waiver requests, for specific portions of the ordinance and for specific time frames. The Director's decision to grant or deny a waiver shall be in writing and shall be final. **The Director may not grant a waiver of the requirements of Sections 706(a)(1), 707 and 708 based on a claim that compliance would be Cost Prohibitive or for Other Specific Circumstances.**

E. Forms

Attachment A—Request to Send Construction & Demolition (C&D) Debris Material Directly to Landfill

Attachment B—Request to Send Construction & Demolition Debris Material to BioMass Energy Generation Facility

Attachment C—Construction & Demolition Debris Recovery Worksheet. Attachment C is the form to be used for (a) Construction & Demolition Debris Management Plan; (b) Summary of Diversion; and (c) Final Diversion Report, and checking a box in the center of page will designate the purpose of the worksheet.

Attachment D—Request to Change Facilities or Transporters.

Attachment E—C&D Debris Material Conversion Rates

Attachment F—Emergency Waiver Notification

Attachment G—Cost Prohibitive or Other Specific Circumstances Waiver Request



REQUEST TO SEND CONSTRUCTION & DEMOLITION DEBRIS MATERIAL DIRECTLY TO LANDFILL

City and County of San Francisco
Environment Code 7; Ordinance No. 204-11; SFE Regulations **SFE13-03-GB**

Environment Code Chapter 7 Section 708(a)(3) states that a contractor is prohibited from sending any Construction & Demolition (C&D) debris material directly to a landfill without submitting a request to and receiving approval from the Department of the Environment. This request form must demonstrate that all reuse and recycling options for the material have been evaluated and determined to be not possible.

<u>Section 1: Project Information</u>		City Department:	
1. Project Name:		2. Project/Job Number:	3. Reporting Period:
4. Project Street Address:		5. City & County (if not in SF):	
6. Contractor's Company Name:			
7. Contractor's Address:		8. City, State, Zip Code:	
9. Contractor's Contact:		10. Contact's Title:	
11. Office Phone:	12. Cell Phone:	13. e-mail:	

<u>Section 2: Request Information</u>
<p>15. <u>Type of Request</u> (please check):</p> <p><input type="checkbox"/> Initial Request. Submit to the City Representative with the Construction & Demolition Debris Management Plan (CCDMP), and send a copy to the Department of Environment for review and possible approval.</p> <p><input type="checkbox"/> Request due to unforeseen circumstances occurring during the project affecting disposition of the material. Send to City Representative and to the Department of Environment for review and possible approval.</p>
<p>16. <u>Material Description:</u></p> <p>Type of Material:</p> <p>Approximate Tons:</p> <p>Why can't this material be reused or recycled?</p> <p>What landfill do you intend to use (Name & Location)</p>
<p>17. Provide a comprehensive & detailed description of all efforts you (and/or your subcontractors) have made to find a location to take this material for reuse or recycling. List must include names and locations of all facilities contacted to take the material, name of person(s) you spoke with, date of conversation, and why the material was refused. <u>If the material was deemed hazardous after the project commenced</u>, please provide official documentation from an independent professional (See Env Code Chapt 7, Sec 708(a)(6) for complete requirements). Attach an additional sheet if necessary.</p>

18. Provide information and attach documentation on how this material will be used at the landfill. Your request must demonstrate that the material will be used for beneficial reuse, if possible, before any material is used as alternative daily cover (ADC), and that material is used as landfill disposal only as a last resort if necessary. Please include documentation such as a written statement by the landfill operator that the material will be used as designated.

19. I DECLARE UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING AND INFORMATION IN ALL ATTACHMENTS ARE TRUE AND CORRECT AND THE MATERIAL DESCRIBED WILL BE HANDLED AS NOTED IF THIS REQUEST IS APPROVED.

Submitted by: _____ Title: _____

Signature: _____ Date: _____

Submittal Instructions:

Initial Request: Submit completed and signed form to the City Representative with the Construction & Demolition Debris Management Plan (CCDMP) and send a copy to the Department of Environment for review and possible approval.

Request due to unforeseen circumstances occurring during the project affecting disposition of the material: Send completed and signed form to City Representative and to the Department of Environment for review and possible approval.

Submit completed and signed form to: Department of the Environment, 1455 Market St, Suite 1200, San Francisco, CA 94103. Attention: C&D Landfill Request. Or email: mary.williams@sfgov.org

For questions regarding completion of this request, please call the Department of the Environment at (415) 355-3700.

FOR OFFICIAL CITY USE ONLY

DATE REQUEST RECEIVED _____

APPROVED _____ NOT APPROVED _____ DATE _____

COMMENTS _____

NAME _____ SIGNATURE _____ TITLE _____



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REQUEST TO SEND CONSTRUCTION & DEMOLITION DEBRIS MATERIAL TO BIOMASS ENERGY GENERATION FACILITY

City and County of San Francisco
Environment Code 7; Ordinance No. **204-11**; SFE Regulations **SFE13-03-GB**

Environment Code Chapter 7 Section 708(a)(4) states that a contractor is prohibited from sending any Construction & Demolition (C&D) debris material directly to any facility that would incinerate such debris or otherwise process such debris using high temperature technology, unless the debris is used as boiler fuel in BioMass Energy Generation, which will only be allowed after the contractor has submitted a request to and received approval from the Department of the Environment. Types of material acceptable for BioMass Energy Generation are wood, wood chips, wood waste and tree and brush prunings. This request must demonstrate that all reuse and recycling options for the material have been evaluated and determined to be not possible.

<u>Section 1: Project Information</u>		City Department:	
1. Project Name:		2. Project/Job Number:	3. Reporting Period:
4. Project Street Address:		5. City & County (if not in SF):	
6. Contractor's Company Name:			
7. Contractor's Address:		8. City, State, Zip Code:	
9. Contractor's Contact:		10. Contact's Title:	
11. Office Phone:	12. Cell Phone:	13. e-mail:	

Section 2: Request Information

14. Material Description:

Type of Material (wood, wood chips, wood waste, tree or brush prunings):

Approximate Tons:

What facility do you intend to use (Name & Location)?

Why can't this material be reused or recycled?

15. Provide a comprehensive & detailed description of all efforts you (and/or your subcontractors) have made to find a location to take this material for reuse or recycling. List must include names and locations of all facilities contacted to take the material, name of person(s) you spoke with, date of conversation, and why the material was refused. Attach a separate sheet if necessary.

16. I DECLARE UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING AND INFORMATION IN ALL ATTACHMENTS ARE TRUE AND CORRECT AND THE MATERIAL DESCRIBED WILL BE HANDLED AS NOTED IF THIS REQUEST IS APPROVED.

Submitted by: _____ Title: _____

Signature: _____ Date: _____

Submittal Instructions:

Submit completed and signed form to: Department of the Environment, 1455 Market Street, Suite 1200, San Francisco, CA 94103. Attention: C&D BioMass Energy Request. Or email: mary.williams@sfgov.org

For questions regarding completion of this request, please call the Department of the Environment at (415) 355-3700.

FOR OFFICIAL CITY USE ONLY

DATE REQUEST RECEIVED _____

APPROVED _____ NOT APPROVED _____ DATE _____

COMMENTS _____

NAME _____ SIGNATURE _____ TITLE _____



CONSTRUCTION & DEMOLITION DEBRIS RECOVERY WORKSHEET

City and County of San Francisco

Environment Code 7; Ordinance No. 204-11; SFE Regulations **SFE13-03-GB**

Section 1: Project Information		City Department: _____	
1. Project Name: _____		2. Project/Job Number: _____	3. Reporting Period: _____
4. Project Street Address: _____		5. City & County (if not in SF): _____	
6. Contractor's Company Name: _____			
7. Contractor's Address: _____		8. City, State, Zip Code: _____	
9. Contractor's Contact: _____		10. Contact's Title: _____	
11. Office Phone: _____	12. Cell Phone: _____	13. e-mail: _____	
<p>I DECLARE UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOLLOWING IS TRUE AND CORRECT. I AGREE TO USE THE FACILITIES AND TRANSPORTERS NAMED ON THE ORIGINAL PLAN, AND I UNDERSTAND I AM RESPONSIBLE FOR COMPLIANCE BY ALL SUBCONTRACTORS. IF CHANGES ARE NECESSARY TO THE ORIGINAL PLAN, WRITTEN APPROVAL MUST BE RECEIVED FROM CITY REPRESENTATIVE BEFORE CHANGE MAY COMMENCE (See "Request to Change Facilities or Transporters" Form).</p>			
Submitted by: _____		Title: _____	
Signature: _____		Date: _____	

Construction & Demolition Debris Management Plan (CDDMP)* (Include estimates from all Subcontractors)

Estimated Start Date: _____ Estimated End Date: _____

*Attach a brief description of how this jobsite will be managed to ensure compliance with all aspects of the plan by all persons working on the project

Summary of Diversion: Submitted with Progress Payment Application (Compile Diversion Data from all Subcontractors)

Reporting Period (mm/yy): _____ Progress Payment No.: _____

Final Diversion Report (Compile Diversion Data for Entire Project)

Date Project Completed: _____

City Representative Review & Approval

I declare under Penalty of Perjury under the Laws of the State of California that I have reviewed the information provided herein including supporting documentation to ensure that Contractor is in compliance with all Construction/Demolition debris diversion requirements.	
City Representative Signature: _____	Name (print) _____ Date _____

Instructions for Completing Section 2 on Page 2 - Debris Recovery Worksheet: (refer to Section 701 of Environment Code Chapter 7 for all definitions)

- Contractor is responsible for preparing and submitting all C&D management plans & reports.
- Contractor shall compile data from all subcontractors into one plan/report.
- Column (a): Enter the appropriate Diversion Activity Code associated with the kind of material being handled and how the material is being processed.
- Column (b): Enter Total Tons of material for each type of material being diverted.
- Column (c): Enter Tons Recycled for each type of material being diverted.
- Column (d): Enter Tons Reused for each type of material being diverted.
- Column (e): Enter name of facility where material will be taken. If project is located in San Francisco, Mixed Debris must be taken to a Registered Facility authorized to process the material.
- Column (f): Enter name of Transporter hauling the material. If project is located in San Francisco, only Registered Transporters are authorized to haul Mixed Debris.
- Line (g) below worksheet: Calculate Diversion Rate per formulas provided & instructions.
- Submit completed form to City Representative for review and approval.

Project/Job Number: _____

Reporting Period: _____

Progress Pmt. Number: _____

Section 2: Debris Recovery Worksheet

IMPORTANT: HAZARDOUS MATERIAL OR U-WASTE IS SUMMARIZED SEPARATELY FROM THIS REPORT. ATTACH A SEPARATE LIST OF THESE MATERIALS, DISPOSAL PLANS & PROFESSIONAL WASTE DETERMINATION. DO NOT INCLUDE ANY HAZARDOUS MATERIALS AND UNIVERSAL WASTE ON THIS WORKSHEET,

Diversion Activity Codes:

1 - Recycling source-separated materials at a recycling facility.	4 - Reuse of salvageable items.
2 - On-site concrete or asphalt crushing for use on site.	5 - Reuse of soil or dirt on site.
3 - Recycling of mixed C&D debris.	6 - Reuse of dirt or mixed inerts for landfill construction.
	7 - Other diversion - please describe:

WORKSHEET

Type of Material	Diversion Activity Code (a)	Total Tons (b)	Tons Recycled (c)	Tons Reused (d)	Facility Used* (e)	Transporter* (f)	Balance from Original Plan
MIXED C&D DEBRIS*	3	(A)					
SOURCE SEPARATED MATERIALS							
Asphalt							
Acoustical Ceiling Tiles							
Bricks, Granite, Finished Stone							
Carpet & Padding							
Concrete							
Corrugated Cardboard							
Dimensional Lumber & Beams							
Fixtures, Hardware, Doors, Windows							
Metal							
Mixed Inerts							
Rigid Plastic							
Soil/dirt/rock							
Trees, Landscape Debris, Wood Scraps							
Wallboard, Gypsum Sheet Rock							
Other:							
Sub-Totals (source separated)		(B)	(C)	(D)			
Total (E = A + B)		(E)					

*** Diversion Rate Calculation Formulas:**
 Projects in SF: $[C+D+(A \times 0.65)] \div E \times 100$
 Outside SF: $[C+D+(A \times \text{Rate})] \div E \times 100$

(g)
$$\frac{[C + D + (A \times \text{Rate})]}{E} \times 100 = \text{DIVERSION RATE } \boxed{\%}$$

* For projects located in San Francisco: Mixed C&D Debris must be taken to a Registered Facility authorized to process the material, and it must be hauled by a Registered Transporter (lists available at sfenvironment.org/c&d); **diversion rate for Registered Facilities is 65%**. For projects outside SF: the diversion rate for Mixed C&D Debris is 65% if taken to one of our Registered Facilities; if taken to a non-registered facility check with local jurisdiction for that facility's recycling rate. ATTACH OFFICIAL DOCUMENTATION FROM LOCAL JURISDICTION. If a facility does not have a local approved recycling rate, the diversion rate is calculated as zero.



REQUEST TO CHANGE FACILITIES OR TRANSPORTERS APPROVED ON CONSTRUCTION & DEMOLITION DEBRIS MANAGEMENT PLAN

City and County of San Francisco
Environment Code 7; Ordinance No. 204-11; SFE Regulations **SFE13-03-GB**

If an unforeseen circumstance requires a change to the Facilities or Transporters named and approved on the original Construction & Demolition Debris Management Plan (CDDMP), the Contractor may use this form to submit a written request to the City Representative **for approval prior to** the change being made.

Section 1: Project Information		City Department	
1. Project Name:		2. Project/Job Number:	3. Reporting Period:
4. Project Street Address:		5. City & County (if not in SF):	
6. Contractor's Company Name:			
7. Contractor's Address:		8. City, State, Zip Code:	
9. Contractor's Contact:		10. Contact's Title:	
11. Office Phone:	12. Cell Phone:	13. e-mail:	

<p>Section 2: FACILITY CHANGE REQUEST</p> <p><u>From original, approved plan:</u> Name of facility _____ Type of material _____ Approximate tons _____</p> <p><u>New Facility Requested:</u> Name of facility _____ Location _____ Approximate tons _____</p> <p>Please explain why this change may be necessary. Use an additional sheet if necessary. If material has been determined to be hazardous, please attach written determination or other verification from an independent professional.</p>	<p>Section 3: TRANSPORTER CHANGE REQUEST</p> <p><u>From original, approved plan:</u> Name of Transporter _____ Material hauled _____ Approximate tons _____</p> <p><u>New Transporter Requested:</u> Name of Company _____ Material hauled _____ Approximate tons _____</p> <p>Please explain why this change may be necessary. Use an additional sheet if necessary.</p>
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(PLEASE COMPLETE THE BACK PAGE OF THIS REQUEST)

I DECLARE UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE STATE OF CALIFORNIA THAT THE FOREGOING AND INFORMATION IN ALL ATTACHMENTS ARE TRUE AND CORRECT. IF THIS REQUEST IS APPROVED I AGREE TO USE THE NEW FACILITIES AND/OR TRANSPORTERS NAMED.

Submitted by: _____ Title: _____

Signature: _____ Date: _____

Submittal Instructions:

Submit to the City Representative for review and approval. A copy should be sent to the Department of Environment at 1455 Market Street, Suite 1200, San Francisco, CA 94103, or email to mary.williams@sfgov.org.

For questions regarding completion of this request, please call the Department of the Environment at (415) 355-3700.

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DATE REQUEST RECEIVED _____

APPROVED _____ NOT APPROVED _____ DATE _____

COMMENTS _____

NAME _____ SIGNATURE _____ TITLE _____



CONSTRUCTION & DEMOLITION DEBRIS MATERIAL CONVERSION RATES (CUBIC YARDS TO TONS)

City and County of San Francisco
 Environment Code 7; Ordinance No. 204-11 ; SFE Regulations **SFE13-03-GB**

IMPORTANT: The weights shown are in POUNDS, and they need to be converted to TONS for use on the waste management report.
2000 pounds = 1 ton

<u>Material</u>	<u>Size/Amount</u>	<u>Weight/POUNDS</u>
Asphalt/paving, crushed	1 cubic yard	1,380
Brick	1 cubic yard	3,024
Concrete	1 cubic yard	1,855
Dirt	1 cubic yard	2,052
Gravel	1 cubic yard	2,565
Greenwaste - large limbs, stumps	1 cubic yard	1,080
Greenwaste - prunings	1 cubic yard	46.69
Metal, aluminum scrap	1 cubic yard	175
Metal, brass	1 cubic yard	906.43
Metal, copper	1 cubic yard	1,093.52
Metal, ferrous, scrap	1 cubic yard	906
Metal, steel	1 cubic yard	1,620
Mixed C&D Debris	1 cubic yard	400
Mixed inerts	1 cubic yard	2,000
OCC (Cardboard), flattened, uncompacted	1 cubic yard	100
Pallets	1 each 48"x48"	40
Rock	1 cubic yard	2,570
Sand	1 cubic yard	2,441
Wallboard -sheetrock scrap	1 cubic yard	393.5
Wood, scrap	1 cubic yard	329.5

For additional information, visit <http://www.calrecycle.ca.gov/LGCentral/Library/DSG/AppendixI.htm>
 & CLICK ON CONVERSION FACTOR TABLES AT BOTTOM OF PAGE.



SF Environment

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A Department of the City and County of San Francisco



EDWIN M. LEE
Mayor

Melanie Nutter
Director

**MUNICIPAL GREEN BUILDING
EMERGENCY WAIVER NOTIFICATION**

City and County of San Francisco

Environment Code Chapter 7; Ordinance No. **204-11**; SFE Regulations **SFE13-03-GB**

<u>Project Information</u>		
1. Project Name:	2. Project/Job Number:	3. Date of Notification
4. Project Street Address:	5. Project Sponsor (City Department):	
6. Project Manager:	6. Phone:	7. Email address:

**San Francisco Environment Code CHAPTER 7: Green Building Requirements for City Buildings
SEC. 713. WAIVERS.**

(1) **Emergency.** A City department may grant itself a waiver from any requirement of this Chapter, except the requirements of Section 706(a)(1), when it is necessary to respond to an emergency which endangers public health or safety. In such case, the City department shall report to the Director on a form provided by the Director regarding the emergency that prevented compliance with this Chapter within five business days. City departments desiring an emergency waiver from the requirements of Section 706(a)(1) shall confer with the General Manager of the San Francisco Public Utilities Commission.

Project Narrative:
Describe the Emergency Requiring a Waiver:

Description of Green Building design strategy and environmental benefits of the project:

Plan to maximize LEED credits attained without certification:

Signature of notifying Department Head:

(Printed Name):

Submit completed and signed form to: Department of the Environment, 1455 Market Street, Suite 1200, San Francisco, CA 94102. Attention: Municipal Green Building Coordinator.

Or email: mark.palmer@sfgov.org

For questions regarding completion of this request, please call the Department of the Environment at (415) 355-3700.

FOR OFFICIAL CITY USE ONLY

Date Waiver Notification Received:



SF Environment

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A Department of the City and County of San Francisco



EDWIN M. LEE
Mayor

Melanie Nutter
Director

**MUNICIPAL GREEN BUILDING
WAIVER REQUEST**

Environment Code Chapter 7; Ordinance No. **204-11** ; SFE Regulations **SFE13-03-GB**

Project Information		
1. Project Name:	2. Project/Job Number:	3. Date of Request
4. Project Street Address:	5. Project Sponsor (City Department):	
6. Project Manager:	6. Phone:	7. Email address:

**San Francisco Environment Code CHAPTER 7: Green Building Requirements for City Buildings
SEC. 713. WAIVERS.**

(a) Waivers from the requirements of this Chapter are available under the following circumstances:

(2) **Cost Prohibitive.** A City department may request a waiver from the Director on a form provided by the Director if compliance with this Chapter is cost prohibitive. The Task Force shall provide the Director with a recommendation with respect to the waiver request. The Director may grant a waiver upon a finding that the requesting department has:

- (A) Demonstrated which specific requirements are cost prohibitive as weighed against the potential economic, environmental and health benefits posed by a particular requirement; and
- (B) If applicable for Section 705, developed a reasonable plan to maximize the number of LEED points attainable.

(3) **Other.** If, due to specific circumstances, compliance would defeat the intent of this Chapter or create an unreasonable burden on the construction project or City department, the City department may request a waiver from that requirement from the Director on a form provided by the Director. The Task Force shall provide the Director with a recommendation with respect to the waiver request. The Director may grant a waiver upon a finding that the requesting Department has:

- (A) Documented the circumstances and burdens at issue; and
- (B) If applicable for Section 705, developed a reasonable plan to maximize the number of LEED points attainable.

(b) The Director shall respond to a request for a waiver within 35 days

(c) **The Director may not waive the requirements of Sections 706(a)(1), 707, and 708, except in the case of emergencies as provided in subsection (a)(1).** Departments seeking waivers of the requirements of Section 710(b) must follow the procedures provided for in Section 710(b)(2)(F). Granting of a waiver for any requirement of this Chapter does not waive any requirement of San Francisco Building Code Chapter 13C.

(d) The Director shall report to the Commission on the Environment regularly on waivers requested, granted and denied.

Indicate Type of Waiver Requested:	<u>Cost Prohibitive</u>	-or-	<u>Other</u>
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Project Narrative:
Circumstances for requesting a waiver:
Description of Green Building design strategy and environmental benefits of the project:
Plan to maximize LEED credits attained:
Signature of requesting Department Head:
(Printed Name):

Submit completed and signed form to: Department of the Environment, 1455 Market Street, Suite 1200, San Francisco, CA 94103. Attention: Municipal Green Building Coordinator.
 Or email: mark.palmer@sfgov.org

For questions regarding completion of this request, please call the Department of the Environment at (415) 355-3700.

FOR OFFICIAL CITY USE ONLY		
Date Waiver Request Received:		
Recommendation by Municipal Green Building Task Force:		
Action Taken by SF Environment:	APPROVED	NOT APPROVED
Signature of Director, SF Environment:		Date:

