



City of Bonita Springs Construction and Demolition Debris Debris Management Plan

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The City of Bonita Springs requires that all covered projects as defined under Ordinance 07-21 recycle 50 percent of waste generated at the permitted site. Recycled material must be taken to County approved facilities. This plan is intended to provide guidance in meeting the requirements of the recycling ordinance.

Construction and Demolition (C&D) represents approximately one-third of all waste generated in the State of Florida. C&D waste includes the materials that are generated in the construction, renovation and demolition of residential and commercial buildings. To better satisfy the City’s goal for an integrated waste management system, to preserve natural resources and save on regional landfill space, contractors must carefully consider alternatives to landfill disposal. Salvaging, reusing, and recycling of C&D materials can reduce disposal costs as well as create jobs in the community.

C&D Recycling Steps for Compliance

Step 1: *Estimate the volume or weight of Project C&D materials.*

Conversion tables are available from the City to assist in generating this information. Besides the contractor’s job experience regarding waste generation, the Florida Center for Solid and Hazardous Waste Management, in a 2002 study, indicated that the typical residential home will generate 8.95 pounds/sq. ft for a block frame home and 4.32 pounds/sq. ft for a wood frame home.

Component	% of total
Concrete	50
Wood	15
Drywall	20
Cardboard	3
Other	12

* data presented is for a concrete block frame

Step 2: *Estimate the volume or weight of C&D materials that it is feasible to divert via reuse or recycling.*

Based on the type of construction, list the types of materials to be generated. Take care to consider specific categories that are recyclable such as: Concrete, Wood, Metal, Paper/cardboard, Roofing tiles, Roofing shingles, Plastic, and Drywall. Use recommended conversion factors to estimate the volume or weight and record this information for future use.

Step 3: *Designate the vendors or facilities that the applicant proposes to use to collect, divert, market, reuse or receive the C&D materials.*

The City has published information on our website regarding facilities that accept separated

materials or commingled materials for recycling. Other suggestions include on site use of debris for clean fill or reuse at other projects.

Step 4: *Estimate the volume or weight of residual (waste) C&D materials for disposal.*

Once the total proposed to be diverted, reused or recycled has been identified, calculate the remaining portion that is to be disposed.

Step 5: *Collect Documentation during the Project.*

Documentation should include pre-project estimates, gate receipts from approved recycling facilities, gate receipts from disposal facilities (including transfer stations) as well as any other documentation that can assist in evaluating the project’s compliance with the C&D recycling provisions (i.e. picture of clean fill use, lumber used for other jobs, onsite mulching of wood, etc.). Documentation would also include any approved exemptions from the ordinance requirements that were approved by Bonita Springs Code Enforcement

Step 6: *Submit completed information to the City of Bonita Springs Community Development for final inspections and issuance of Certificate of Compliance or Certificate of Occupancy, as applicable.*

Completed information should include:

- Completed and signed Certification form
- Completed C&DMMP
 - Material Handling Worksheet
- Executed Exemption form (if applicable)
- Supporting Documentation

