

Sample Construction and Demolition Waste Management Plan

Project: _____

General Contractor: _____

Recycling Coordinator or Responsible Supervisor: _____

Waste Management Goals:

This project will recycle, reuse or salvage _____ % by **[Volume]** **[Weight]** of construction and demolition waste.

Diverted Materials

Check all that apply:

- Cardboard
- Clean dimensional lumber
- Beverage containers
- Concrete
- Rebar
- Bricks
- Structural Steel
- Nonstructural Steel
- Other Metals
- Concrete masonry units (cmu)
- Asphalt Paving
- Asphalt Shingles
- Drywall (May include clean wood)
- Other _____
- Other _____
- Other _____
- Other _____

Strategy:

Outline strategies or challenges to recycling:

Which materials will be source separated?

Which materials will be comingled?

Who will handle the diverted materials – will there be a comprehensive waste hauler, will it be the general contractor, or will demolition phase recycling be handled by a separate company?



Is there a limited amount of room on the site for recycling? What procedures will be used to deal with limited room?

What materials will be recycled at different phases of the project? For example: “Structural Steel Scrap will be recycled during demolition, clean unpainted gypsum board will be recycled during gypsum board hanging.”

How will wastes that can't be diverted be handled and documented? Example: “Dumpsters will be provided by ABC Container Company for landfill wastes. ABC will weigh each dumpster at City Landfill, 1235 Landfill Drive, St. Louis, Mo and turn in landfill receipts to the Recycling Coordinator.”

How will recycling be documented? Example: “Steel scrap will be kept in barrels and receipts will be kept from the metals recycler yard indicating weight. Trash will be weighed at the landfill. Recycled clean fill material will be weighed at ABC Feedmill on the way to the clean fill site, and the truck will be weighed again on return. Wood waste will be counted by the container-load as it is dumped at ABC Pallet Company, and weight will be estimated by volume from the checklist kept by the jobsite supervisor four counting loads. All construction waste tickets and checklists are to be turned in to the recycling coordinator at the end of each week. ”

List each material and the destination:

Material	Destination	Handler/Hauler
Example:		
Steel scrap	ABC Scrapyard, St. Louis, Missouri	ABC Trucking, inc.
Landfill Debris	City Landfill, St. Louis, MO	ABC Container Co.
Wood Waste	ABC Pallet Company, St Louis, MO	General Contractor
Bottles and Cans	City recycling bins at 1st and Locust	General Contractor

How will each material be handled on site?

Material	Expected Qty	Handling Procedure
Example:		
Brick and Masonry	20 tons	Collect in designated container, take to clean fill
Cardboard	10 dumpsters	Collect in designated container, take to city bin
Steel Scrap	10 tons	ABC Container provides trailer and hauls as needed
Bottles and Cans	5 barrels	Blue barrels are placed on site, hauled as needed



Monitoring Plan and Contamination Prevention

Describe measures that will be used monitor and to prevent contamination of source separated items.

Example: “A mandatory preconstruction meeting will highlight Construction Waste Diversion procedures for Contractors. Regular jobsite safety and progress meetings will also stress the procedures for separating materials.

Subcontractor agreements will stipulate subcontractors must participate in source separating and recycling.

Labeling in English and Spanish will be placed on each dumpster or container. Each sign will list acceptable and unacceptable materials.

Signs in two languages will be posted in the Job Trailer saying: “Can it be recycled? Think before you throw it out”

Steel scrap will be hauled to the scrapyard, which will not accept non-ferrous metals. Drivers are held responsible for checking the load before hauling, and will notify supervisors if unacceptable items are included.

Source separated dumpsters will be monitored by the jobsite supervisor before calling for a pickup. Where contamination has occurred, the supervisor will delegate personnel to re-separate items, and will stress the importance of source separation again at the next general jobsite meeting. Workers who mis-sorted the bin will be required to re-sort the materials.”

Communicate the Plan:

Distribute copies of the plan to each Subcontractor as part of their agreements, the Jobsite foreman, the Owner's Representative, the Architect and the LEED consultant.

Additional Resources:

Templates for Construction waste Management Plans:

Guidelines for Creating A Construction Waste Management Plan From LEEDuser.com, an online community supporting LEED documentation and education. <http://tinyurl.com/b6bydp8>

Contract Language and Construction Waste Management Plans (Associated General Contractors of America) <http://tinyurl.com/aofp3vv>

Tools to Help Manage Waste (Montana State University Extension) <http://tinyurl.com/b6pnjz5>

Design Specifications and Waste Management Plans(King County, WA)
<http://tinyurl.com/bcfr86s>

Construction & Demolition Specifications (WasteCap Resource Solutions)
<http://tinyurl.com/a4yazck>

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Steps to Setting Up a Construction Waste Reuse and Recycling Program (Illinois Waste Management and Research Center) <http://tinyurl.com/anye5qs>

Building Deconstruction Waste Management Plan (King County, WA) <http://tinyurl.com/b51ff8x>

Guidelines for a Successful Waste Management Plan

Construction Waste Management Guide for Architects, Designers, Developers, Facility Managers, Owners, Property Managers & Specification Writers (Resource Ventures) An extensive and concise guide book to help you develop a waste management plan for any size construction project. <http://tinyurl.com/amj4xvl>

Construction Waste Management Guidelines This site has information on the benefits of C&D management, designing a waste management plan, prevention of waste, etc. (State of Washington, General Administration) <http://tinyurl.com/bfvnum7>

Recycling Construction and Demolition Wastes: A Guide for Architects and Contractors (MA DEP) <http://preview.tinyurl.com/ajwqmbj>

Construction Waste Management Plan Administrative and procedural requirements for construction waste management activities. (King County, WA) <http://tinyurl.com/bjsujfh>

Waste Management Plan A generic template. (Sandia Labs)

