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:

<table>
<thead>
<tr>
<th>Material</th>
<th>Destination</th>
<th>Handler/Hauler</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel scrap</td>
<td>ABC Scapyard, St. Louis, Missouri</td>
<td>ABC Trucking, Inc.</td>
</tr>
<tr>
<td>Landfill Debris</td>
<td>City Landfill, St. Louis, MO</td>
<td>ABC Container Co.</td>
</tr>
<tr>
<td>Wood Waste</td>
<td>ABC Pallet Company, St Louis, MO</td>
<td>General Contractor</td>
</tr>
<tr>
<td>Bottles and Cans</td>
<td>City recycling bins at 1st and Locust</td>
<td>General Contractor</td>
</tr>
</tbody>
</table>

How will each material be handled on site?

<table>
<thead>
<tr>
<th>Material</th>
<th>Expected Qty</th>
<th>Handling Procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brick and Masonry</td>
<td>20 tons</td>
<td>Collect in designated container, take to clean fill</td>
</tr>
<tr>
<td>Cardboard</td>
<td>10 dumpsters</td>
<td>Collect in designated container, take to city bin</td>
</tr>
<tr>
<td>Steel Scrap</td>
<td>10 tons</td>
<td>ABC Container provides trailer and hauls as needed</td>
</tr>
<tr>
<td>Bottles and Cans</td>
<td>5 barrels</td>
<td>Blue barrels are placed on site, hauled as needed</td>
</tr>
</tbody>
</table>
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:
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
Sample Construction and Demolition Waste Management Plan

Guidelines for a Successful Waste Management Plan


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


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)