



CONSTRUCTION & DEMOLITION WASTE MANAGEMENT PLAN

Primary Contractor Company:

Project Manager:

Telephone #:

Lead Recycling Coordinator:

Telephone #:

Architect:

Contact Person:

Telephone #:

Project Address:

Project Description:

Waste Management Goals:

- This project will recycle or salvage for reuse a minimum of _____% by weight of the waste generated on-site.
- Waste reduction will be achieved through building design, and reuse and recycling efforts will be maintained throughout the construction process.

Contractor:

Contact Person:

Telephone #:

Recycling Coordinators:

Waste Prevention Planning:

- Compliance with Sarasota County Solid Waste mandatory recycling requirements for businesses. Mandatory recyclables include:
 - paper
 - corrugated cardboard
 - glass bottles and jars/metal jar lids
 - aerosol cans
 - steel/tin cans

- Compliance with Sarasota County Landfill Bans, i.e. no disposal of tires, appliances, yard waste, mandatory recyclables, hazardous waste, batteries, fluorescent tubes, and large metal items.

- Project Construction Documents – Requirements for waste management which will be included in all work. The General Contractor will contractually require all subcontractors to comply with the Sarasota County mandatory recycling requirements and hazardous waste regulations. A copy of this Construction Waste Management Plan will accompany all Subcontractor Agreements and require subcontractor participation.

- The Construction Waste Reduction Plan will be implemented and executed as follows and as on the chart by all subcontractors:
 - Material requirements will be calculated so as to minimize waste. This includes, but is not limited to, all wood, paint, concrete, and drywall materials.
 - Salvageable materials will be diverted from disposal where feasible.
 - There will be a designated area on the construction site reserved for a row of dumpsters each specifically labeled for respective materials to be received.
 - Before proceeding with any removal of construction materials from the construction site, Recycling Coordinators will inspect containers for compliance with Sarasota County requirements.
 - Wood cutting will occur in centralized locations to maximize reuse and make collection easier.
 - Hazardous waste will be managed by a licensed hazardous waste vendor.

Communication & Education Plan:

- The General Contractor will conduct an on-site pre-construction meeting with subcontractors. Attendance will be required for the subcontractor's key field personnel. The purpose of the meeting is to reinforce to subcontractor's key field employees the commitments made by their companies with regard to the project goals and requirements.
- Waste prevention and recycling activities will be discussed at the beginning of each weekly subcontractor coordination meeting to reinforce project goals and communicate progress to date.
- As each new subcontractor comes on site, the recycling coordinators will present him/her with a copy of the Waste Management Plan and provide a tour of the recycling areas.
- The subcontractor will be expected to make sure all their crews comply with the Waste Management Plan.
- All recycling containers will be clearly labeled in English and Spanish. Containers shall be located in close proximity to the building(s) under construction in which recyclables/salvageable materials will be placed.
- Lists of acceptable/unacceptable materials will be posted throughout the site.
- All subcontractors will be informed in writing of the importance of non-contamination with other materials or trash.
- Recycling coordinators shall inspect the containers on a weekly basis to insure that no contamination is occurring and precautions shall also be taken to deter any contamination by the public.

Motivation Plan:

- The project team will develop and publish a project mission statement that can be distributed to the subcontractors, attached to subcontracts, and posted at the jobsite.
- The General Contractor will conduct a pre-award meeting for subcontractors. Subcontractors under consideration will be required to attend the meeting to review project goals and requirements with the project team. Attendance will be a prerequisite for award of subcontracts. A sign-off will be required by subcontractors attending the meeting that the project goals are understood. This document will be an attachment to every subcontract. Copies of the attachment will be posted prominently at the jobsite.

Evaluation Plan:

- The General Contractor will develop, update, and post at the jobsite a graph indicating the progress to date for achieving the project's waste recycling goal of _____% by weight of the total project waste stream.

Expected Project Waste, Disposal, and Handling:

The following charts identify waste materials expected on this project, their disposal method, and handling procedures:

| Material | Estimated Quantity | Disposal Method/Subcontractor | Handling Procedure |
|-------------------------------------|---------------------------|--------------------------------------|---------------------------|
| Land clearing debris | | | |
| Clean dimensional wood | | | |
| Plywood, OSB, particle board | | | |
| Wood Palettes | | | |
| Painted or treated wood | | | |
| Concrete | | | |
| Concrete Masonry Units | | | |
| Metals | | | |
| Gypsum drywall (unpainted) | | | |
| Paint | | | |

| Material | Estimated Quantity | Disposal Method/Subcontractor | Handling Procedure |
|--|---------------------------|--------------------------------------|---------------------------|
| Insulation | | | |
| Flooring | | | |
| Carpet and pad | | | |
| Glass (window) | | | |
| Plastics (PVC and other plastics) | | | |
| Beverage containers | | | |
| Cardboard | | | |
| Paper and newsprint | | | |
| TOTAL ESTIMATED | | | |
| TONS | | | |
| CU YDS | | | |

Waste Diversion Estimated Cost Calculations

Landfill Name:

Landfill Location:

Landfill garbage tipping fee: \$ Per (\$/quantity)

Landfill C&D tipping fee: \$ Per (\$/quantity)

Estimate of waste for landfill disposal: tons x \$ /ton =

Estimate of waste for C&D disposal: tons x \$ /ton =

Estimate of Recycled (non-C&D Disposal) Tons: tons x \$ /ton =

If all C&D waste was disposed as garbage: tons x \$ /ton =

| Material | Estimated Quantity | Recycling Cost/quantity | Total Cost** |
|--|---------------------------|--------------------------------|---------------------|
| Land clearing debris | | | |
| Dimensional wood | | | |
| Plywood, OSB, MDF | | | |
| Wood Palettes | | | |
| Painted or treated wood | | | |
| Concrete | | | |
| Concrete Masonry Units | | | |
| Metals | | | |
| Gypsum drywall | | | |
| Paint | | | |
| Insulation | | | |
| Flooring | | | |
| Carpet and pad | | | |
| Glass (window) | | | |
| Plastics (PVC and other plastics) | | | |
| Beverage containers | | | |
| Cardboard | | | |
| Paper and newsprint | | | |
| | | | |
| Total | | | |

****Estimated Quantity X Recycling Cost/Quantity = Total Cost**

RECYCLING OPERATIONS TASKINGS CHECKLIST

Project: _____

| ACTION*** | WHO | WHEN | Completed/Date |
|--|-----|------|----------------|
| <input type="checkbox"/> Choose container/collection methods | | | |
| <input type="checkbox"/> Order containers - oversee deliver | | | |
| <input type="checkbox"/> Site containers/collection areas for optimum convenience | | | |
| <input type="checkbox"/> Sort or process wood | | | |
| <input type="checkbox"/> Sort or process metal | | | |
| <input type="checkbox"/> Sort or process concrete materials | | | |
| <input type="checkbox"/> Sort or process drywall | | | |
| <input type="checkbox"/> Sort or process beverage containers and paper (mandatory recyclables) | | | |
| <input type="checkbox"/> Sort or process (material) | | | |
| <input type="checkbox"/> Sort or process (material) | | | |
| <input type="checkbox"/> Sort or process (material) | | | |
| <input type="checkbox"/> Schedule material pickups/drop offs | | | |
| <input type="checkbox"/> Protect materials from contamination/water | | | |
| <input type="checkbox"/> Document material pickups/drop offs | | | |

*** Depending on the service option chosen, these actions may be the responsibility of the field personnel, the hauler, a full-service recycling contractor, the subcontractors or a combination of these personnel.

COMMUNICATION PLAN - Except for mandatory items (*), check other items intended to be used.

| Action | Who | When | Completed |
|---|-----|------|--------------------------|
| <input type="checkbox"/> Complete Construction Waste Mgmt. Plan* _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> Hold Orientation/Kick-off Meeting* _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> Update & Progress in Weekly Job-Site Meetings* _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> Encourage Just-In-Time Deliveries _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> Post Targeted Materials (Signage) _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> Distribute Tip Sheets for Job-Site Personnel _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> Post Goals/Progress (Signage) _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> _____ | | | <input type="checkbox"/> |

MOTIVATION PLAN - Except for mandatory items (*), check other items intended to be used.

| Action | Who | When | Completed |
|---|-----|------|--------------------------|
| <input type="checkbox"/> Use formal agreements committing Subs to program _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> Require Mis-Sorters to Re-Sort Bin _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> Provide Stickers, T-Shirts, or Hat _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> Public Recognition of Participating Subs _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> Letters of Recognition _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> Awards Luncheon _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> _____ | | | <input type="checkbox"/> |

EVALUATION PLAN - Except for mandatory items (*), check other items intended to be used.

| Action | Who | When | Completed |
|---|-----|------|--------------------------|
| <input type="checkbox"/> Perform Short Form Waste Audit _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> Perform Full Waste Audit _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> Perform Mid-Course Assessment _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> Perform Monthly Cost and Materials Tracking* _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> Perform Final Evaluation* _____ | | | <input type="checkbox"/> |
| <input type="checkbox"/> _____ | | | <input type="checkbox"/> |