[insert company logo]

**CONSTRUCTION WASTE MANAGEMENT PLAN**

**for**

**PROJECT NAME**

**Owner**

OWNER NAME

ADDRESS

CITY, STATE ZIP

# Contractor

CONTRACTOR NAME

ADDRESS

CITY, STATE ZIP

**Company:** **General Contractor Name**

**Project:** **Project Name**

**Designated Recycling Coordinator:** **First Name Last Name**

**Waste Management Goals**

* **This project shall generate the least amount of waste possible by planning and ordering carefully, following all proper storage and handling procedures to reduce broken and damaged materials and reusing materials whenever possible.** This project will recycle or salvage or divert **50 OR 75% by (weight or volume)** of the total construction and demolition waste generated on-site.
* Meet LEED Requirements for the project: Divert materials from at least five waste or material streams. Approximate a percentage of the overall project waste that these materials represent.

**Targeted Materials**

The following waste streams are targeted for diversion, along with the approximate percent that each material comprises of the total waste stream (must be at least 5 different waste or material streams).

1. Concrete – 40%
2. Metals – 15%
3. Wood – 10%
4. Masonry – 10%
5. Gypsum Board – 10%
6. Cardboard – 5%

**Implementation**

**General Contractor has engaged Recycling Hauler to provide waste management and recycling services for this project. Recycling hauler will utilize Commingled Recycling OR individual material recycling for this project.**

**[Recycling Hauler] will provide a [XX cubic yard] commingled drop box at the job site for the commingled construction waste. These commingled drop boxes will be taken to [Processing Facility]. [Processing Facility]'s recycling rates have been verified by [Name of independent third-party verifier such as King County or City of Seattle] or an [Annual Facility Recycling Statement] has been provided.**

**As site conditions permit and material volumes require, the project will use additional drop boxes for source separating specific materials (wood, steel, drywall), concrete/masonry during these various phases of construction to ensure the highest recycling rate possible.**

**Excess materials that cannot be used in the project, nor returned to the vendor, will be offered to site workers, the owner, or donated to charity if feasible. All excess material leaving the site will be weighed before doing so.**

**No hazardous waste will be placed in onsite job boxes at any time. *Hazardous waste will be placed in separate containers and disposed of in accordance with all local, state and federal regulations and excluded from the LEED waste diversion calculations.***

***Land-clearing and soil debris will be placed in separate job boxes, disposed of separately and excluded from LEED waste diversion calculations.***

***Alternative Daily Cover (ADC) is not considered diverted and will be excluded from the percentage of diverted materials. Any ADC will be included in these calculations as waste.***

**Communication Plan**

* Waste Prevention and recycling activities will be discussed at the beginning of each safety meeting, with a progress update provided.
* As new subcontractors come on site, **RECYCLING COORDINATOR (INSERT NAME)** will present him/her with a copy of the Waste Management Plan and provide a tour of the recycling/staging areas
* The subcontractor will be expected to make sure all their crews comply with the Waste Management Plan
* All recycling containers will be clearly marked and labeled with bilingual signage
* Lists of acceptable/unacceptable materials will be posted at the job trailer

**Progress Reports**

**Monthly progress reports showing waste generated will be collected from the haulers and will be [uploaded to Green Badger] and/or submitted to the owner each month. These reports will contain:**

* **Amount in tons/cubic yards, of materials salvaged, recycled, re-used or landfilled that month and a summary of progress to date.**
* **Supporting documentation such as receipts, invoices, weight tickets and manifests. Invoices must be itemized for individual waste streams.**
* **Commingled recycling facility reports indicating the facility’s average recycling rate. The facility must also provide additional documentation to confirm that the method of recording and calculating the recycling rate is regulated by a local or state government authority and provides the name of that authority.**

**Final Report**

The contractor will submit a waste management report upon completion of the project. The report will include the number of streams diverted, the total amount in tons, and the receiving party, along with backup weight ticket receipts, invoices, or summarized monthly reports. Commingled reports must show facility diversion rate.

Report will include percentage of construction and demolition waste diverted from the landfill. The report should also include confirmation that ADC was excluded from diverted waste calculations but included in total waste calculations. The contractor will provide the final LEED Construction and Demolition Waste Calculator.

**Recycling Process, Facility, and Separation Strategy**

**(UPDATE PER PRPOJECT – DELETE ANY NON-RELEVANT MATERIALS)**

**Waste Reduction**

1. The following strategies are recommended to reduce the quantity of waste generated on site:
2. Give preference to supply companies that can provide material in the dimensions specifically needed for the project or in quantities closer to the exact amount needed.
3. Give preference to supply companies that provide minimal packaging beyond that required for product protection, or those that ship materials in reusable or returnable packaging such as pallets or containers.
4. Give preference to supply companies that accept returns of unused construction material.
5. Protect materials from damage by storing them away from equipment traffic patterns, elevating them off the ground, storing them under cover, and keeping them level to prevent warping or twisting.
6. Use products efficiently by keeping them organized and emptying one pallet or shipment before opening the next.

Additional waste reduction strategies should be considered by each contractor and brought to the construction manager for approval. These efforts are optional, but popular strategies include:

1. Clean concrete chunks, old brick, broken blocks and other masonry rubble can be used as backfill along foundation walls.
2. Left over dirt and aggregate from excavation may be stored separately and sold or reused in site landscaping.
3. Branches and trees from site clearing can be stored separately and chipped for use on the site as landscaping mulch.
4. Set aside, in a marked and designated area, lumber and plywood/oriented strand board (OSB) cut-offs that can be used as fire blocking, spacers in header construction and in other ways.
5. Set aside, in a marked and designated container, clean sawdust for use in compost piles or around planting areas. Avoid sawdust that might contain painted or treated wood. This should be bagged separately and sent to appropriate facilities.
6. Set aside, in a marked and designated area, large drywall scraps for use as filler pieces in small hidden areas.
7. Install leftover insulation in interior wall cavities if it cannot be used on another job.

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| **Waste Stream** | **Anticipated Quantity** | **Jobsite Disposal Method** | **Handling Procedure** | **Facility/ Desination** |
| **Concrete:  Including CMU** | 200 tons | **Recycle**  **“Clean Concrete Only” container** | Place excess concrete, free of waste, in appropriate dumpster | FACILITY NAME |
| **Asphalt** | 25 tons | **Recycle** | Remove asphalt via loader and place in truck to be hauled from site | FACILITY NAME |
| **Scrap metal:** Including rebar, steel studs, metal flashing, etc | 50 tons | **Recycle**  **“Metal Only” container** | Place acceptable scrap metal in appropriate dumpster | FACILITY NAME |
| **Wood products:  Untreated wood, plywood, OSB, particle board, clean dimensional wood, wood pallets** | 75 tons | **Recycle “Wood Only” container** | Place wood, free of waste materials, that is unusable for construction in appropriate dumpster. Place painted/treated wood in “Landfill Only” dumpster | FACILITY NAME |
| **Masonry products: Including face bricks, hollow bricks** | 25 tons | **Reuse / Return** | Stockpile bricks that are unusable for construction for return to the manufacturer | FACILITY NAME |
| **Cardboard** | 10 tons | **Recycle**  **“Cardboard Only” container** | Clean cardboard will be broken down and placed in appropriate dumpster. Unless a diversion method or outlet is identified, all packing materials must be removed and disposed of properly in the “Landfill Only” container | FACILITY NAME |
| **Carpet tiles** | 0.25 tons | **Recycle**  **“Carpet Only” container** | Place carpet tile scraps in appropriate dumpster for pick up by carpet recycler | FACILITY NAME |
| **Drywall** | 15 tons | **Recycle**  **“Drywall Only” container** | Place drywall waste that can’t be used for construction in appropriate dumpster | FACILITY NAME |
| **Aluminum and plastic containers, mixed paper** | 1 ton | **Recycle “Recycling” tote** | Place in general recycling tote | FACILITY NAME |
| **All other non-recyclable C&D waste** | 500 tons | **Landfill** | Place all other waste that cannot be recycled in “Landfill Only” dumpsters | FACILITY NAME |

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| **Waste Stream** | **Description/Information** |
| **Land-clearing debris** | Land-clearing debris materials are natural (e.g., rock, soil, vegetation) and should be diverted from the landfill if possible. |
| **Hazardous materials** | Hazardous materials will be separated and stored in a specific area onsite, and will be disposed of in accordance with local regulations. |