

STANDARD SPECIFICATION  
JANUARY 2010

**DIVISION 1**

**SECTION 1K CONSTRUCTION WASTE MANAGEMENT**

1K.01 GENERAL: Comply with Waste Management Goals.

1K.02 SCOPE OF WORK: Refer to "Division Scope of Work"

**1K.03 WASTE MANAGEMENT GOALS**

- A. The Architect/Engineer has established that this Project shall generate the least amount of waste possible.
- B. Of the expected waste that can be generated, as many of the waste materials as economically feasible shall be reused, salvaged, or recycled. Waste disposal in landfills shall be minimized.
- C. With regard to this goals the Contractor shall develop, for the Architect's/Engineer's review, a copy of Proposed Waste Management Plan for this Project.

**1K.04 PROPOSED WASTE MANAGEMENT PLAN**

- A. The Proposed Waste Management Plan shall contain the following:
  - 1. Analysis of the proposed jobsite waste to be generated, including types and approximate quantity.
  - 2. Landfill options:
    - a. The name of the landfill(s) where trash will be disposed of, the applicable landfill tipping fee(s), and the projected cost of disposing of all Project waste in the landfill(s).
  - 3. Alternatives to landfilling:
    - a. A list of each material proposed to be salvaged, reused, or recycled during the course of the Project, the proposed local market for each material, and the estimated net cost savings or additional costs resulting from separating and recycling (versus landfilling) of each material.
    - b. "Net" means that the following have been subtracted from the cost of separating and recycling;
      - Revenue from the sale of recycled or salvaged materials
      - Landfill tipping fees saved due to diversion of materials from landfill

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NOTE: SEE ATTACHED "APPENDIX A" – INFORMATION FOR BIDDERS:  
PREPARING ESTIMATES ON RECYCLING

c. The list of these materials is to include, at minimum, the following:

- Cardboard
- Clean dimensional wood
- Beverage containers
- Plastic buckets
- Land clearing debris
- Concrete
- Bricks
- Concrete masonry units (CMU)
- Asphalt
- Roofing
- Metals;  
    Windows, studs, ductwork, piping, rebar's, steel, cast-iron,  
    galvanized sheet metal, stainless steel, aluminum, copper, zinc,  
    lead, brass, bronze, etc.
- Drywall
- Carpet and carpet pad trim
- Vinyl siding
- Rigid foam insulation

NOTE: SEE ATTACHED "APPENDIX C" – DEMOLITION MATERIALS,  
FOR FULL CHECKLIST OF PLANNING SALVAGE, REUSE AND  
RECYCLE DEMOLITION MATERIALS.

1K.05 RESOURCES FOR DEVELOPMENT OF WASTE MANAGEMENT PLAN

- A. For full list of recycling local Haulers and Markets, contact The State of New York Recycling coordinator:  
NYS Department of Environmental Conservation  
Bureau of Waste Reduction & Recycling  
625 Broadway  
Albany, NY 12233-7253  
Phone: 518 402-8704

1K.06 FINAL WASTE MANAGEMENT PLAN

- A. Once the Architect/Engineer has determined which of the recycling options addressed in Proposed Waste Management Plan are acceptable, the Contractor shall submit to Architect/Engineer, a Final Waste Management Plan for his/her approval.

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NOTE: SEE ATTACHED "APPENDIX D" FOR A SAMPLE WASTE MANAGEMENT PLAN, WHICH CAN BE APPENDED TO PROJECT SPECIFICATION

- B. The Final Waste Management Plan shall contain the following:
1. Analysis of the proposed jobsite wastes to be generated, including types and quantities.
  2. Landfill options:
    - a. The name of the landfill(s) where trash will be disposed of, the applicable landfill tipping fee(s), and the projected cost of disposing of all Project waste in the landfill(s).
  3. Alternatives to landfilling:
    - a. A list of the waste materials from the project that will be separated for reuse, salvage, or recycling.
  4. Meetings:
    - a. Contractor shall include discussion on waste management requirements in the regular job meetings conducted during the course of the Project.
  5. Materials handling procedures:
    - a. A description of the means by which any waste materials identified in item (3) above will be protected from contamination, and a description of the means to be employed in recycling the above materials consisted with requirements for acceptance by designated facilities.
  6. Transportation:
    - a. A description of the means of transportation for the recyclable materials (whether materials will be site-separated and self-hauled to designated centers, or whether mixed materials will be collected by a waste hauler and removed from the site) and destination of materials.

1K.07 WASTE MANAGEMENT PLAN IMPLEMENTATION

- A. The Contractor shall designate an on-site party responsible for instructing demolition workers, overseeing and documenting results of the Waste Management Plan for the Project.

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- B. The Contractor shall distribute copies of the Waste Management Plan to each Subcontractor, the Building Owner and the Architect/Engineer.
- C. The Contractor shall provide on-site instruction of appropriate separation, handling, recycling, salvage, reuse and return methods to be used by all parties at appropriate stages of the Project.
- D. The Contractor shall designate a specific area to facilitate separation of materials for potential recycling, salvage, reuse and return. Recycling and waste bin areas are to be kept neat and clean. All bins shall be clearly marked in order to avoid contamination of materials.
- E. Hazardous wastes shall be separated, stored and disposed, according to Local and State Regulations.
- F. The Contractor shall submit with each Application for Progress Payment a Summary of Waste Generated by the Project. Failure to submit this information shall render the Application for Payment incomplete and shall delay Progress Payment. The Summary shall be submitted on a Form acceptable to the Building Owner, and shall contain the following information:
  - 1. The amount (in tons or cubic yards) of material landfilled from the Project.
  - 2. The identity of the landfill.
  - 3. The total amount of tipping fees paid at the landfill, and the total disposal cost.
  - 4. The amount of material recycled, reused, or salvaged from the project (in tons or cubic yards).
  - 5. The date materials moved from the job site with indication of receiving party.
  - 6. The transportation cost, the amount of any money paid or received for the recycled or salvaged materials, and the net total cost or savings of salvage or recycling materials.

NOTE:           MANIFESTS, WEIGHT TICKETS, RECEIPTS AND INVOICES  
                      SHALL BE ATTACHED

1K.08 SPECIAL PROGRAMS

- A. The Contractor shall be responsible for final implementation of Programs involving Tax Credits or Rebates or similar incentives related to recycling. Revenues or other savings obtained for recycling or returns shall accrue to the Contractor.

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- B. The Contractor is responsible for obtaining information packets relevant to the Special Programs, prior to starting work on the Project.
- C. The Contractor shall document work methods, recycled materials that qualify for Tax Credits, rebates, and other savings under each Special Programs.

END OF SECTION