

## SECTION 01524 - CONSTRUCTION WASTE MANAGEMENT

### PART 1 - GENERAL

#### 1.1 Summary:

- A. Contractor and Subcontractors shall minimize creation of construction waste on job site and shall minimize waste sent to landfills.
- B. Compost, recycle, or salvage a minimum of 75 percent by weight of total project site-clearing and construction debris, including the following:
  - 1. Land-clearing debris, including organic and inorganic material
  - 2. Asphalt paving
  - 3. Concrete and concrete pavers
  - 4. Bricks and brick pavers
  - 5. Concrete Masonry Units (CMUs)
  - 6. Ferrous and non-ferrous metals
  - 7. Clean, untreated, unpainted dimensional wood, free of nails or other fasteners (wood pallets may be acceptable with paint and/or fasteners)
  - 8. Plywood, OSB, and particleboard
  - 9. Plastics
  - 10. Roofing materials
  - 11. Glass
  - 12. Gypsum board (unpainted)
  - 13. Carpet and pad
  - 14. Leftover paint (kept in its original container)
  - 15. Light bulbs and tubes
  - 16. Beverage containers (plastic, glass and metal)
  - 17. Corrugated cardboard
  - 18. Mixed paper

#### 1.2 Related sections:

- A. Division 2 Section "Earthwork" for site clearing requirements.

#### 1.3 References:

- A. "Maryland Recycles" website: <http://www.mdrecycles.org/>.

B. Maryland Commercial Recycling Specialist (410) 333-3066.

1.4 Submittals:

A. Prior to any waste removal, submit for approval a detailed Construction Waste Management Plan as outlined in this Section, including but not limited to the following:

1. Analysis of estimated job-site waste to be generated, including types and quantities of compostable, recyclable and salvageable materials.
2. Description of means and methods to achieve the 75 percent diversion requirement for compostable, recyclable and salvageable materials.
3. Identification of recycling contractors proposed for use in project, locations accepting construction waste materials or entities providing related services by referencing "Maryland Recycles" website or by contacting Maryland Commercial Recycling Specialist, as listed in this Section.

B. Waste Management Progress Reports: Submit monthly, including the following information:

1. Project title, name of party completing report, and dates of period covered by report.
2. Amount (by weight) of Project waste material landfilled and identity of landfill(s).
3. For each material composted, recycled or salvaged from the Project, provide the following:
  - a. Amount (by weight)
  - b. Date(s) removed from job site
  - c. Receiving party
  - d. Disposal Cost: Bin rental and facility fees
  - e. Transportation Cost: Hauling
  - f. Money paid or received for recycled or salvaged material.
  - g. Brief description of what was done with material

C. Final Waste Management Report: At completion of construction submit comprehensive tracking log. Include the following information in addition to details stated above.

1. Overall Disposal Costs
2. Overall Transportation Costs
3. Total money paid or received for recycled or salvaged material.
4. Include legible copies of on-site logs, manifests, weight tickets, and receipts.

**PART 2 - PRODUCTS (not used)**

**PART 3 - EXECUTION**

3.1 Waste Management Plan Implementation, General:

- A. Inform trades regarding construction and land clearing waste recycling requirements relevant to their work. Provide on-site instruction of appropriate separation, handling and recycling methods for construction personnel.
- B. Designate at least one specific area for separation of material for salvage and recycling. Keep recycling and waste bin areas neat and clean and clearly marked.
- C. Maintain an on-site log, which includes required reporting information for each load of materials removed from site.
- D. Separate, store and dispose of hazardous wastes separately and in accordance with local regulations. Do not handle, separate, store, salvage, or recycle hazardous materials with other materials.
- E. Coordinate work of recycling, composting and salvaging waste haulers with other trades.

**END OF SECTION**