

**9. INSTALLATION RECYCLING PROGRAM.** A list of possible topics to be addressed in the ISWMP pertaining to recycling follows. More information may also be found under Section 12, SOLID WASTE MANAGEMENT FACILITIES, paragraph f, Recycling Facilities.

### RECYCLING PROGRAMS - THE QRP

*Section 705 of Executive Order 13101 mandates that each agency that has not already done so shall initiate a program to promote cost-effective waste prevention and recycling of reusable materials in all of its facilities. This takes the form of a QRP when funds received from the sale of recyclables are returned to the installation's recycling account, and in turn distributed to environmental, safety, and MWR programs. The EO also requires that each installation have a designated recycling coordinator.*

a. Program Status. Indicate whether the program is a "Qualifying Recycling Program." See text box above.

b. Program Structure. Indicate the proponent organization and general type of recycling program (curbside, mixed or segregated collection, labeled dumpsters, drop-off centers, etc.).

c. Recycled Materials. Identify all of the materials that are recycled on the installation and the mechanism through which they are recycled. For example, indicate that paper and cardboard are recycled through the QRP, and batteries and tires are recycled through the DRMO. Identify recyclable materials that may be added in the future.

d. Segregation, Storage, and Collection Procedures. Indicate how recyclable materials are stored and collected. Some or all of this information may be documented in the solid waste storage and collection section of the plan.

(1) List the turn-in or preparation requirements for all recyclables.

(2) Specify container and labeling requirements for all recyclables collected.

(3) If recyclables are commingled with other solid wastes, indicate how and where the segregation/processing will occur.

(4) If firing range scrap is collected and processed through the QRP, include the following: a list of personnel authorized to certify firing range scrap from range clearance as safe; procedures and responsibilities for identification, collection, and processing of firing range scrap; and procedures for turning in other AEDA scrap to DRMO [per reference 2. 1(3)].

e. Contracted Operations. Identify whether the collection, processing, or sale of recyclables is performed by a contractor. Indicate how revenue is returned to the installation (i.e., direct payment, contract discounts, rebates).

f. Facilities, Equipment, and Personnel. Describe the facilities, equipment, and personnel directly involved in operation of the QRP. Include plans for new or expanded facilities, new equipment, or personnel changes.

g. Regulations, Policies, and Procedures. List the installation regulations, policies, and procedures established for the recycling program. They may be incorporated into an installation regulation, policy, or Standing Operating Procedures (SOP). It may be appropriate to include some or all of these documents as appendices in the ISWMP.

h. Publicity and Promotion. Identify the mechanisms for promoting the recycling program to installation elements, tenant organizations, and on-post residents. Details on promoting the QRP may be documented as a separate section. See Section 13.

i. Relationship with Local Recycling Programs. Indicate whether recycling programs have been established in the local community, and to what extent the installation is participating or plans to participate. Section 705 of Executive Order 13101 states that government agencies shall consider cooperative ventures with state and local governments to promote recycling and waste reduction in the community. Army policy prohibits using on-post facilities for acceptance of off-post materials or wastes.

j. Market Research. Identify who is responsible for investigating local and national markets for recycled materials. Briefly describe the procedures for researching markets and locating vendors.

k. Funding and Financial Accountability. Describe funding mechanisms and procedures for operating the recycling program. Briefly describe the accounting procedures associated with the sale of recyclables and the distribution of proceeds.

1. Calculation of Diversion Rate. Outline the method for calculating the solid waste

**DIVERSION RATE CALCULATION**

*The diversion rate is the rate at which non-hazardous solid waste is diverted from entering a disposal facility. Disposal facilities include landfills (both solid waste and inert) and incinerators. Composting, mulching, recycling, reuse, and donation are generally accepted waste diversion methods. The diversion rate equals:*

$$(R/(R+L))*100 = \text{diversion rate (per cent)}$$

R = amount (in tons) of non-hazardous solid waste (including construction and demolition debris) that is composted, mulched, recycled, reused, donated, or otherwise diverted from a disposal facility.

L = amount (in tons) of solid waste (including construction and demolition debris) transferred to a disposal

diversion rate in accordance with the DOD MoM (see text box).

m. Recordkeeping. Describe the documentation procedures associated with management of the QRP to include financial management.