

**Introduction**

There are a number of ways to reduce the volume of material that must be disposed. Numerous options for waste minimization through product substitution, changes in daily practices or process design, and reuse opportunities have been identified in Section 2.1. Another option that exists for reuse of a material after it has been generated is to recycle it into the community if it has a beneficial reuse. This option exists because materials which may be considered to be "wastes" by Project personnel may still have intrinsic value to individuals in the local communities.

When it is safe and practical to do so, materials of value to the community will be made available to the community for reuse. Note that only non-hazardous materials will be recycled into the community.

**Sources of Recyclable Materials**

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- Domestic (camps and offices)
  - Vehicle and equipment maintenance
  - Construction
  - Other activities/operations

**Materials Suitable for Reuse by the Community**

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Various categories of refuse which may contain recyclable materials and specific examples of materials that can be reused and their uses are provided in Table 5.0.1-1. Other items suitable for community reuse may be identified later and can be added to this Plan.

Materials provided for recycling should never have been in contact with hydrocarbons or other chemicals and should be in an acceptable condition before they are provided for use. Also, if greater quantities of material are available than can be used by the community, then appropriate waste management methods should be applied to the remaining materials.

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**Table 5.0.1-1**  
**Types of Materials That May Be Recycled And Some Potential Uses**

Type of Materials	Potential Uses
<b>Domestic</b>	
Plastic Containers (e.g., Bottle, Box, Can, Barrel)	<ul style="list-style-type: none"> <li>• Storage/transportation</li> <li>• Community works</li> </ul>
Metal Containers (e.g., Box, Can, Jar)	<ul style="list-style-type: none"> <li>• Storage/transportation</li> <li>• Metalworking</li> </ul>
Plastic sheets, wrapping and packaging materials	<ul style="list-style-type: none"> <li>• Weather protection/water proofing</li> <li>• Wrapping and packaging</li> </ul>
Glass (e.g., Bottle, Can, Jar, Sheet)	<ul style="list-style-type: none"> <li>• Storage/transportation</li> <li>• Domestic or public use</li> </ul>
Aluminum (e.g., Can, Container)	<ul style="list-style-type: none"> <li>• Domestic or public use, storage</li> <li>• Metalworking</li> </ul>
<b>Construction Debris</b>	
Vegetation Debris (e.g., trunk, branch, bush, etc.)	<ul style="list-style-type: none"> <li>• Firewood</li> <li>• Construction</li> <li>• Art object</li> <li>• Mulch agriculture</li> </ul>
Wood Waste, Pallets, and Packaging (e.g., wood, plywood, wood shaving, plank, wooden crate, scrap material in carpentry shop)	<ul style="list-style-type: none"> <li>• Firewood</li> <li>• General construction, carpentry</li> <li>• Art object</li> </ul>
Non-wood packaging material, thick cardboard, etc.	<ul style="list-style-type: none"> <li>• Domestic use</li> </ul>
<b>Scrap Iron and Other Metal Materials</b>	
Pipe	<ul style="list-style-type: none"> <li>• General construction</li> <li>• Rainfall drainage</li> <li>• Fencing</li> </ul>
Scrap Iron and Metal	<ul style="list-style-type: none"> <li>• General construction, tool making</li> </ul>
<b>Vehicle Maintenance</b>	
Rubber Tires Inner Tubes	<ul style="list-style-type: none"> <li>• Well bank protection</li> <li>• Tying wire, well water drawer, specific use</li> </ul>
<b>Large Containers</b>	
Metal Container for Goods Transportation	<ul style="list-style-type: none"> <li>• Storage/transportation</li> <li>• Metalworking material</li> </ul>

**Program Organization**

A primary objective of the overall program is to recycle materials having a potential beneficial use to local communities in an environmentally acceptable manner and without disrupting the social fabric of the area. Individual, site-specific programs may be administered by a Contractor, another contractor, a non-governmental organization, a community organization, or some combination of the above.

The individual programs will need to address a number of issues:

- Criteria and procedures for fair and equitable distribution of materials;
- Evaluations of what types (and amounts) of materials, potentially generated by the Project, will be of use to the communities;
- Community interactions/communications procedures;
- Distribution procedures and attendant logistics; and

Reporting and continuous improvement process.

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