Estimates for Disposal of Construction and Demolition Waste

1. Annual construction & demolition (C&D) waste generation rates

   Building construction waste
   - Residential: 4 million tons
   - Non-residential: 1.1 million tons

   Building demolition waste
   - Residential: 10 million tons
   - Non-residential: 23 million tons

   Other C&D waste: 104 million tons
   (highway construction, repair and maintenance)

   **Total**: 142 M Tons

2. Annual C&D waste disposal rate

   Building construction waste: 4.44 million tons
   Building demolition waste: 11.8 million tons
   Subtotal: 16.24 million tons

   Other C&D waste: 15.36 million tons*

   **Total**: 31.6 million tons

   * The remaining quantities consisting of asphalt, concrete, steel, metal recycled or stockpiled for future use.

3. Estimates for painted lead-based paint (LBP) debris quantities (million tons/yr)

<table>
<thead>
<tr>
<th>Waste Type</th>
<th>Before 2010</th>
<th>After 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>C&amp;D waste</td>
<td>30.0</td>
<td>18</td>
</tr>
<tr>
<td>Painted demolition debris</td>
<td>0.83*</td>
<td>0.83</td>
</tr>
<tr>
<td>LBP abatement debris</td>
<td>0.56**</td>
<td>0.34***</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>32.4</strong></td>
<td><strong>19.2</strong></td>
</tr>
</tbody>
</table>

   * 21% of demolition waste disposed is wood and assumed that one-third of the wood is painted debris.
   ** 19.1 million tons of LBP abatement debris disposed over 34 years (Appendix D).
   *** Reduction in LBP abatement debris quantities due to recycling of debris according to the TSCA management standards proposed in this rule.

Source: Franklin Associates, 1995