U.S. EPA & CalRecycle Updates

Bay Area Deconstruction Workgroup Meeting

May 6, 2020

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Gregory Dick, CalRecycle
U.S. EPA Seeks Public Comment by July 6: Comprehensive Procurement Guidelines
http://www.epa.gov/CPG (Submit Comments Online)

- Federal recovered **purchasing requirements** for to ensure materials collected manufactured into new products *[Creates Demand/Market Development]*

    - Section 6002 – *early item recycled paper*

  - Currently covers 61 items in 8 product categories – **Reused/Refurbished** & Recycled Items

  - Last updated in 2007
Overview:
EPA Comprehensive Procurement Guidelines

• Mostly Recycled Content Materials

• Reused Materials Currently
  • Remanufactured or Refurbished Furniture
  • Pallets
  • Awards & Plaques – (Including Wood)
  • Retread Tires
  • Rebuilt Vehicle Parts
  • Remanufactured Toner Cartridges

• Exceptions
  1) Price unreasonably high
  2) Inadequate competition (not enough sources of supply)
  3) Unreasonable delays
  4) Does not meet reasonable performance specifications
Potential Deconstruction & Reuse
Product Categories

• **Construction** — 15 products currently
  Does not currently cover recovered wood or wood flooring, brick reuse
  https://www.epa.gov/smm/comprehensive-procurement-guidelines-construction-products

• **Park & Recreation** — Includes Park Benches & Picnic Tables, Plastic (Snow) Fencing, and Playground Equipment but does not include any “Wood” Material
  https://www.epa.gov/smm/comprehensive-procurement-guidelines-park-and-recreation-products

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**Recommended Recovered Materials Content Levels**
for Park Benches and Picnic Tables

<table>
<thead>
<tr>
<th>Product</th>
<th>Material</th>
<th>Postconsumer Content (%)</th>
<th>Total Recovered Materials Content (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Park Benches and Picnic Tables</td>
<td>Plasticsⁱ</td>
<td>90-100</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>Plastic composites</td>
<td>50-100</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>Aluminum</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>Concrete</td>
<td>--</td>
<td>15-40</td>
</tr>
<tr>
<td></td>
<td>Steel</td>
<td>16 67</td>
<td>25-30 100</td>
</tr>
</tbody>
</table>

ⁱ Replicable from Plastics

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Reclaimed Wood Bench, Highline Project, New York
Potential Deconstruction & Reuse Product Categories (Continued)


- **Miscellaneous Products** – Includes Pallets, Awards, Signage, Awards and Plaques, Bike Racks [https://www.epa.gov/smm/comprehensive-procurement-guidelines-miscellaneous-products](https://www.epa.gov/smm/comprehensive-procurement-guidelines-miscellaneous-products)
Reuse Pilot Grant:
Update May 6, 2020

https://www.calrecycle.ca.gov/climate/grantsloans/reuse

- **Applications:** Late May or Early June 2020
- **Awards:** September or October 2020
- **Funding:** $2 million total allocation (~$300k-$500k per award)

- **Listserv for funding updates:**
  https://www2.calrecycle.ca.gov/Listservs/Subscribe/135
Reuse Pilot Grant: Update May 6, 2020

- **Awards**: The top passing score from each of the four project types will be awarded, and then the next highest passing score until funds are expended.

- **Four Project Types**: 1) single use container replacement; 2) single use food service ware replacement; 3) single use packaging for transportation or distribution replacement; and 4) **recovery of lumber, wood flooring, or wood products for reuse**.

- **Eligible Organizations**: local governments, state agencies, non-profits, private for-profit entities, qualifying Indian tribes.
Reuse Pilot Grant: Update May 6, 2020

Draft Wood Reuse GHG Quantification Methodology & Calculator

- Includes dimensional lumber, hardwood flooring, furniture such as benches, shelves, chairs, bed frames, dressers, tables.
- [https://ww2.arb.ca.gov/resources/documents/cci-quantification-benefits-and-reporting-materials](https://ww2.arb.ca.gov/resources/documents/cci-quantification-benefits-and-reporting-materials) (see Reuse Grant Program)
- Final Reuse Methodology & Benefits Calculator will be posted online: [www.arb.ca.gov/cci-resources](http://www.arb.ca.gov/cci-resources)
- Also uses the “Jobs Training and Workforce Development” table.

Contact: ghgreductions@calrecycle.ca.gov
Thank You!!

Many thanks to CalRecycle and the California Air Resources Board!

Thanks also to those who give generously of their time and expertise to make public comments.

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