



**Bay Area
Deconstruction
Workgroup
Meeting**

**The Economics of
Deconstruction**

October 22, 2020

Bay Area (**& Beyond**) Deconstruction Workgroup

- Started by learning from **Portland's Mandatory Deconstruction Ordinance** (late 2017)
- Quarterly meetings to learn from each other
 - Policies, results, barriers
 - Share opportunities for collaboration and ideas
- **Participation** – Rapidly growing with online meetings

Website: stopwaste.org/DeconstructionWorkgroup

Workgroup Updates

- **CalRecycle**

- Reuse Grant Program (\$2 million)
<https://www.calrecycle.ca.gov/climate/grantsloans/>
- NEW Wood Reuse Emissions Factors
<http://www.arb.ca.gov/cci-resources> (search Reuse)

Covers softwood lumber, hardwood flooring, solid wood doors, wall cabinets, lower cabinets, tall wall/pantry cabinets, bench, bookcase/shelving unit, chair, dresser, computer table/small desk, large desk, table (small, medium, large), bathroom cabinet/vanity, bed base (single, double/queen, king)

- **City of Berkeley/Urban Ore**

Transfer Station Salvage Contract

Video: <https://youtu.be/6oV0Ajt2Ako>

- **Oakland Equitable Climate Action Plan**

includes deconstruction requirement and reuse actions

<http://www.oakland2030.com/>





MCW-6

Establish a Deconstruction Requirement

Lead Agency

PBD

Climate Benefit



Cost



Benefits



Establish a deconstruction requirement to reduce demolition waste from construction and renovation and facilitate material reuse. Regulate hauling and processing of construction and demolition debris to ensure that salvageable materials are identified and removed for reuse instead of being recycled or disposed to landfill.



MCW-4

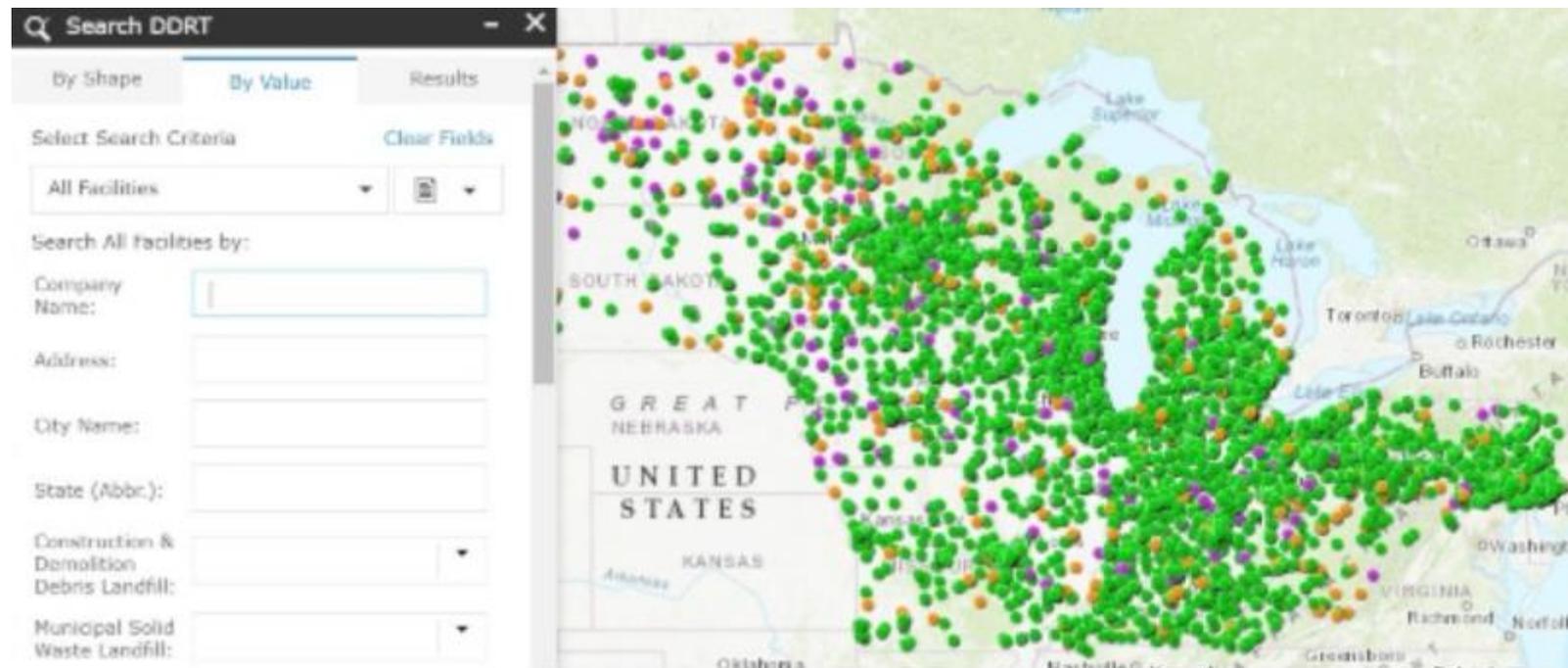
Support the Reuse, Repair, Recovery, and Refurbishment Economy

- **Support, regulate, and expand citywide reuse infrastructure.**
- Increase public awareness of and access to opportunities for reuse, product rentals, repair, and donation.
- Establish a methodology to assess benefits of reuse and repair programs to goals for waste diversion, GHG emissions, and economic development.
- Develop a grant, recognition, or incentive program to celebrate and encourage local repair businesses or leaders.
- Develop resources to support direct donation to charitable organizations.

And more...

U.S. EPA Update: Disaster Debris Recovery Tool

<https://www.epa.gov/large-scale-residential-demolition/disaster-debris-recovery-tool>



- National interactive GIS mapping tool of 12 types of recyclers and landfills that manage disaster debris
- Provides information on 20,000 facilities capable of managing materials in disaster debris
- EPA Recorded Webinar - **After Disaster: Deconstruction, Rebuilding and Resilience Lessons Learned**
<https://www.epa.gov/smm/sustainable-materials-management-smm-web-academy-webinar-after-disaster-deconstruction>
- **Currently adding Deconstruction Service Providers** – email hood.timonie@epa.gov for more information

The Economics of Deconstruction

10:00 – 10:10 – Welcome & Brief Introductions, Angela Sandoval, Manager, and Timonie Hood, Zero Waste Section, U.S. EPA Region 9

10:10 – 11:30 – Rapid Overviews on the Economics of Deconstruction

- **Nicole Tai**, CEO, GreenLynx and Board Member, Reuse Alliance, San Francisco Bay Area
- **Karen Jayne**, Executive Director, Stardust, Phoenix
- **Shawn Wood**, Construction Waste Specialist, City of Portland
- **Anne Nicklin**, AIA, Director of Workforce Training and Deconstruction Services, Evanston Rebuilding Warehouse, Chicago
- **Jeff Carroll**, MBA, LEED AP, Co-Founder, Urban Wood Economy Inc.
- **Neil Kaufman**, Ph.D., Executive Director, National Center for Craftsmanship, Denver
- **Mike Gable**, Executive Director, Construction Junction, Pittsburg
- **Alexandra Nicholaides**, Senior Council, Internal Revenue Service

11:30 – 12:00 – Moderated Questions and Answers

DISCLAIMER: The EPA does not endorse the purchase or sale of any commercial products or services.

Disclaimer

This document does not constitute EPA policy. Mention of trade names or commercial products does not constitute endorsement or recommendation of use. Links to non-EPA websites do not imply any official EPA endorsement of or a responsibility for the opinions, ideas, data or products presented at those locations or guarantee the validity of the information provided. Links to non-EPA servers are provided solely as a pointer to information that might be useful to EPA staff and the public.

Any economic information shared is for informational purposes only as every building and deconstruction project is different.