

Reuse, Repair and Workforce Development Efforts at Oregon DEQ

Simon Love

March 21, 2018



State of Oregon
Department of
Environmental
Quality

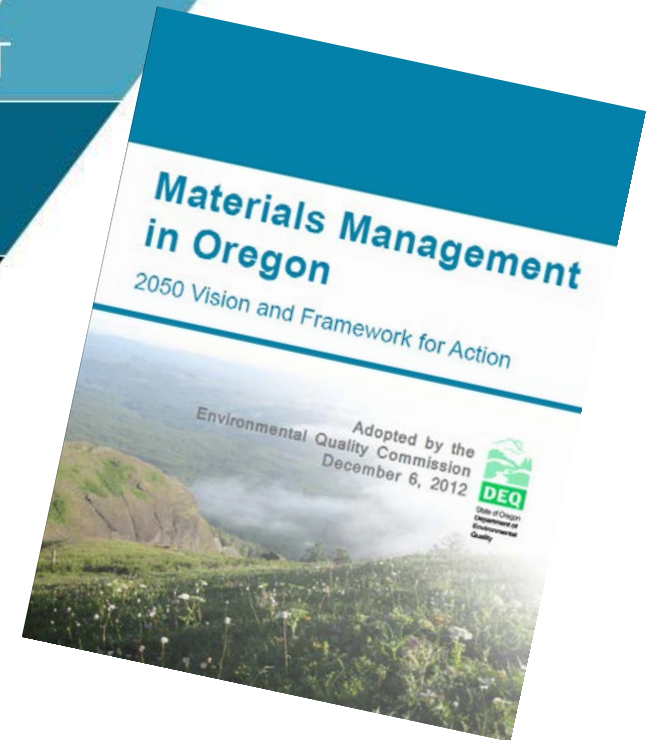
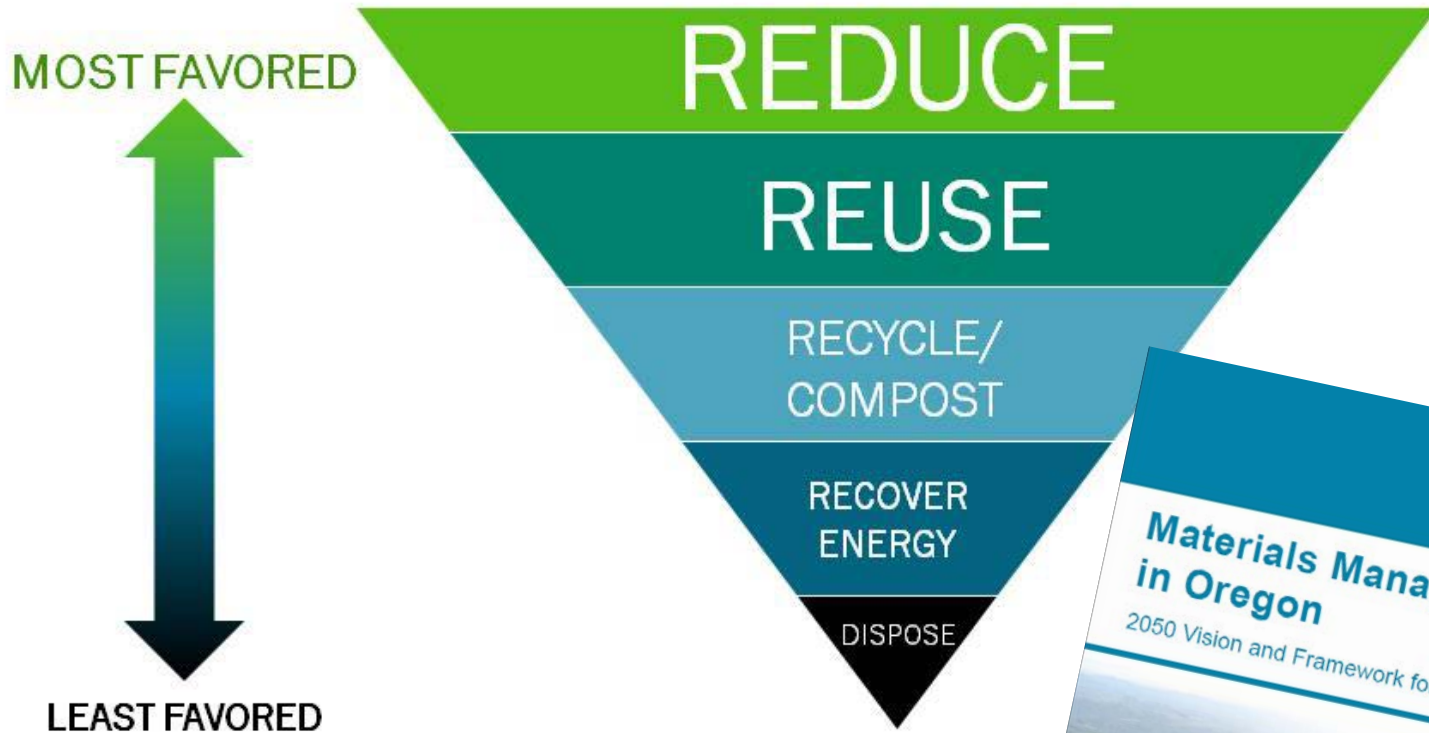
2050 Vision

**for Materials Management
in Oregon**

Shift from waste management to
sustainable materials management

Oregon's waste generation goal:
**reduce overall solid waste generation
to 15 percent below 2010 levels by 2025
and 40 percent below 2010 levels by 2050**

Why reuse, repair & product life extension?



Strategic Plan

Strategic Plan for Reuse, Repair, and Extending the Lifespan of Products in Oregon

December 2016



Environmental Solutions
Division, Materials
Management Program
700 NE Multnomah St
Portland, OR 97232
Phone: 503-229-5696
Fax: 503-452-4011
Contact: Simona Lovi
www.oregon.gov/DEQ/

*DEQ is a leader in restoring,
maintaining and enhancing
the quality of Oregon's air,
land and water.*



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Four Strategies

1. Foundational research
2. Develop infrastructure and build capacity
3. Drive users to infrastructure
4. Provide policy support where needed

Materials Management Grants

- Existing Program
- Some reuse examples from last 3 years:
 - Portland Repair Finder website
 - Marion-Polk Food Share reusable trays
 - Equipment for Sisters HfH ReStore
 - Bicycle parts reuse and upcycling in Salem
 - Eugene Toolbox Project Tool Lending Library

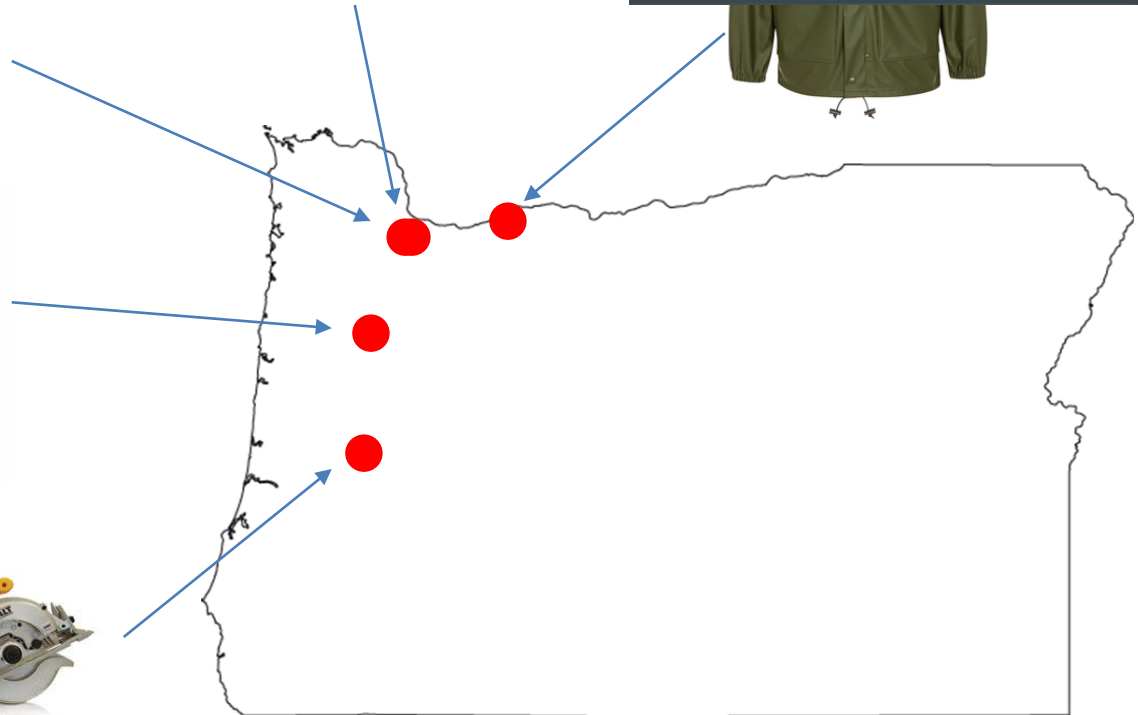


Workforce Development Micro-Grants

- Workforce issues identified as challenge in reuse and repair industries
- Pilot micro-grant program was developed with twofold purpose:
 1. To keep products in service longer, therefore reducing environmental impacts of upstream production as well as reducing waste
 2. To create new paid jobs to increase/grow the reuse and repair industries

The intention is that funding will be used to offset some of the one-time costs of training and hiring new employees, resulting in creation of long-term or permanent jobs in the reuse and repair industries.

Workforce Development Micro-Grants



Free Geek – Mobile Device Repair

- Small pilot project
- Recruit and train 7 mobile device repair technicians
- Each recruit gets a pro toolkit and MasterTech exam from iFixit



Deconstruction and Building Materials



Portland Deconstruction Funding

- 1) Grants for deconstruction projects
- 2) Support of training program
 - 1) Initial training for approved contractors
 - 2) 12.5 day worker training program
- 3) Currently calculating environmental impact of Portland's deconstruction ordinance



SB871 & Lead-Based Paint Best Practices

- SB871 passed in 2017 legislative session
- Directed OHA, DEQ and CCB to create best practices for containing lead dust from demo
- Tasked with creating a statewide ‘buffet of options’
- Examples: Wet-Wet demolition, drop heights, deconstruction, neighbor notification, inspections

SB871 & Lead-Based Paint Best Practices



PUBLIC HEALTH DIVISION
Environmental Public Health

Kate Brown, Governor

Oregon
Health
Authority

800 NE Oregon St.
Portland, OR 97232
Voice 971-673-0440
FAX 971-673-0457
healthoregon.org/lead

Best Practices for the Demolition of Residences with Lead-Based Paint

January 1, 2018

Oregon
Health
Authority

Addressing Lead Paint in Residential Demolitions (Senate Bill 871, 2017) Frequently Asked Questions

About this Frequently Asked Questions document: The 2017 Oregon legislature enacted Senate Bill 871 allowing any city in Oregon to establish a program by ordinance that requires individuals and contractors to follow certain best practices when demolishing pre-1978 residences in order to prevent health risks from exposure to lead dust. The bill also requires contractors to submit proof of holding one of four training certifications as defined in Oregon Administrative Rules (OAR) 333-068.

This Frequently Asked Questions (FAQ) document is intended as a companion to the Best Practices (see healthoregon.org/lead) Oregon Health Authority (OHA) developed to meet the requirements of SB 871 (2017). It is a living document and the answers may be periodically revised and updated. The responses are intended solely for guidance and do not alter any statutory or regulatory requirements. Because the guidance provided in this document often addresses the very specific circumstances stated in each question, the reader should also consult other applicable state and federal documents ([Senate Bill 871\(2017\)](#); [40 Code of Federal Regulation 745 Subparts D, E, and I](#); [OAR 333-068, 333-069, 333-070](#)).

At the request of a stakeholder advisory committee that helped inform the development of the Best Practices, this document also includes a series of "sample implementation scenarios" to assist a city seeking to adopt a demolition program by ordinance. However, these scenarios are for informational purposes only, and the city should adopt best practices that suit its goals for containing fugitive dust from demolitions.

NOTE: The answers to many of the questions below assume a city has adopted a residential demolition program to control lead dust.

General

Question: Senate Bill 871 (SB 871) Section 1 (2) states that the best practices and certification requirements do not apply if "a person certified to inspect or assess structures for the presence of lead-based paint in accordance with rules adopted by the [Oregon Health Authority] has determined that the residence or residential building does not contain lead-based paint." Which rules is this statement referring to?

Answer: OAR 333-069 (and, by reference [40 Code of Federal Regulations \(CFR\) 745 Subpart L](#)) contains definitions and work practice standards for conducting lead-based paint inspections. Only a certified "inspector" or "risk assessor" may conduct inspections to determine the presence or absence of lead-based paint. This includes a surface-by-surface investigation of all components with a distinct painting history. Additional information about the lead-based paint

January 1, 2018

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SB871 & Lead-Based Paint Best Practices

POLITICS & ELECTIONS

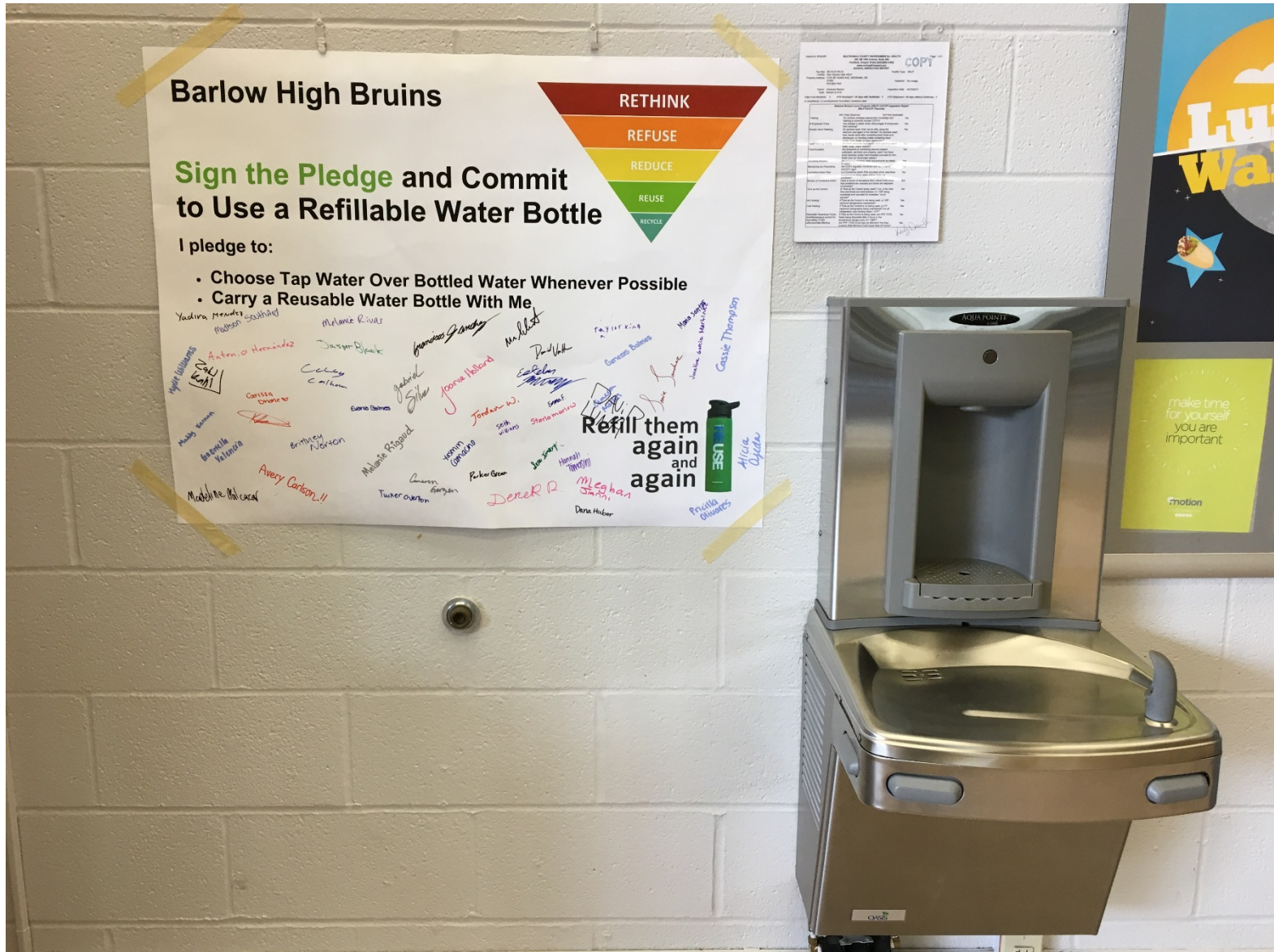
Portland adopts rules to contain lead and asbestos in home demolitions

Updated Feb 2; Posted Feb 2



Gallery: Asbestos removal in North Portland

Packaging

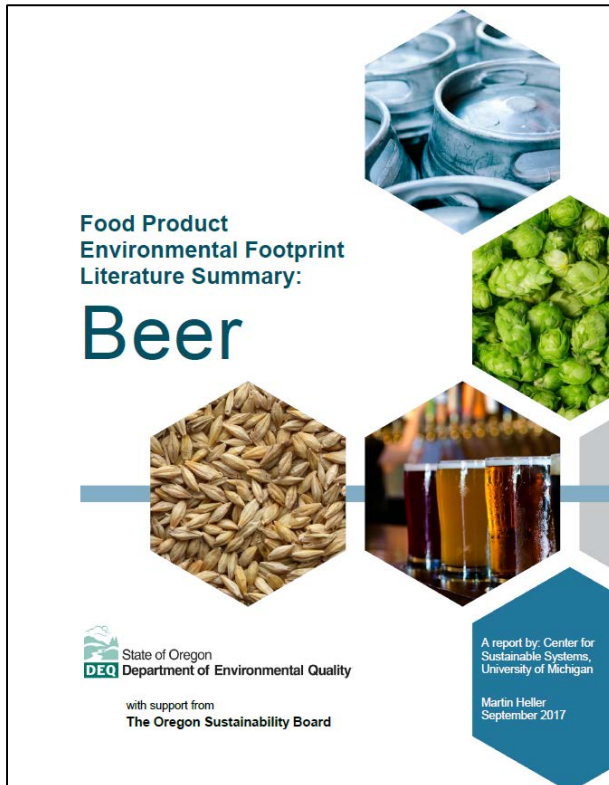


Water Bottle Fillers in Schools

- Fillers saw significant use
- Vending machine sales decreased
- Education programs had no discernable impact
- When you make waste prevention/reuse easy, then people will do it.



Reusable vs. Single-Use Kegs



Thank you!

- Simon Love

Love.Simon@deq.state.or.us

- David Allaway

Allaway.David@deq.state.or.us



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